

DATA PACKAGE

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : BROOKLYN NAVY YARD BUILDING 50 SI

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q3741

ATTENTION : Roland Scardino



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3741

Project ID : Brooklyn Navy Yard Building 50 SI

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q3741-01
Q3741-02
Q3741-03
Q3741-04
Q3741-05
Q3741-06
Q3741-07

Client Sample Number

B50-SP3-111925
B50-SP13-112025
B50-SP14-112025
B50-SP9-112425
B50-SP11-112525
B50-SP4-112525
TB-1

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: Brooklyn Navy Yard Building 50 SI

Project # N/A

Order ID # Q3741

Test Name: VOC-TCLVOA-10,SVOC-TCL BNA,Diesel Range Organics,Gasoline Range Organics,PCB,Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:

6 Solid samples were received on 11/26/2025.

1 Water sample was received on 11/26/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-TCL BNA,Diesel Range Organics,Gasoline Range Organics,PCB,Mercury,Metals ICP-TAL. This data package contains results for VOC-TCLVOA-10(8260-Low,8260D),SVOC-TCL BNA(8270E),Diesel Range Organics(8015D),Gasoline Range Organics(8015D),PCB(8082A),Mercury(7471B),Metals ICP-TAL(6010D).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260-Low,8260D.

SVOC-TCL BNA : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA was based on method 8270E and extraction was done based on method 3541.

PCB : The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

Diesel Range Organics : The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of Diesel Range Organics was based on method 8015D and extraction was done based on method 3541.

Gasoline Range Organics : The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909. The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following VOC-TCLVOA-10 : B50-SP9-112425 [Dibromofluoromethane - 49%], B50-SP9-112425RE [4-Bromofluorobenzene - 49%], B50-SP11-112525 [Dibromofluoromethane - 63%], B50-SP11-112525RE [Dibromofluoromethane - 59%] and B50-SP4-112525 [Dibromofluoromethane - 32%] samples were reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis except following VOC-TCLVOA-10 : B50-SP9-112425RE, B50-SP4-112525 and B50-SP4-112525RE samples were reanalyzed to confirm the failure and reported.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following Mercury, Metals ICP-TAL : The Matrix Spike (B50-SP3-111925MS) analysis met criteria for all compounds except for Mercury due to matrix interference. The Matrix Spike (FENCE WC-1MS) analysis met criteria for all compounds except for Antimony, Barium, Copper, Lead, Sodium, Vanadium due to soil matrix is having tiny stones along with brown soil, which is causing not consistent recovery for these elements and also their is unknown interference during digestion.

The MSD recoveries met the requirements for all compounds except following SVOC-TCL BNA : The MSD {Q3741-06MSD} with File ID: BP026237.D recoveries met the requirements for all compounds except for 4-Nitroaniline[58%] due to matrix interference.

Mercury, Metals ICP-TAL : The Matrix Spike Duplicate (B50-SP3-111925MSD) analysis met criteria for all compounds except for Mercury due to matrix interference. The Matrix Spike Duplicate (FENCE WC-1MSD) analysis met criteria for all compounds except for Antimony, Barium, Lead, Sodium due to soil matrix is having tiny stones along with brown soil, which is causing not consistent recovery for these elements and also their is unknown interference during digestion.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds except following
SVOC-TCL BNA : The Blank Spike for {PB170797BS} with File ID: BP026226.D met requirements for all compounds except for 2,4-Dinitrotoluene[76%], Caprolactam[65%]. But associated samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements except following
SVOC-TCL BNA : The %RSD is greater than 20% in the Method 8270-BF110525.M for Hexachlorocyclopentadiene, this compound is passing on Quadratic regression.

The Continuous Calibration met the requirements except following
VOC-TCLVOA-10 : The Continuous Calibration File ID VN088370.D met the requirements except for Acetone is failing marginally low and Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VY023829.D met the requirements except for 2-Hexanone is failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VY023849.D met the requirements except for Acetone is failing high and associate sample having hit of acetone but below CRQL therefore no corrective action taken.

SVOC-TCL BNA : The Continuous Calibration File ID BF144415.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failing high but associated samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BP026224.D met the requirements except for Benzaldehyde, failing high but associated samples have no positive hit for this compound therefore no corrective action was taken. And for Hexachlorocyclopentadiene, failing marginally low therefore no corrective action was taken.

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PCB : The Continuous Calibration File ID PO115565.D met the requirements except for Aroclor-1260(Peak-03),Aroclor-1260(Peak-04),Aroclor-1260(Peak-05) is failing in 2nd column. however it is passed in 1st column therefore no corrective action was taken.

The Continuous Calibration File ID PP076744.D met the requirements except for Aroclor-1016(Peak-05) is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

The Tuning criteria met requirements.

Mercury,Metals ICP-TAL : Sample B50-SP3-111925 was diluted due to high concentrations for Mercury & Sample B50-SP13-112025 was diluted due to high concentrations for Mercury & Sample B50-SP14-112025 was diluted due to high concentrations for Mercury & Sample B50-SP9-112425 was diluted due to high concentrations for Mercury & Sample B50-SP4-112525 was diluted due to high concentrations for Mercury.

The Duplicate analysis met criteria for all compounds except following Mercury,Metals ICP-TAL : The Duplicate (FENCE WC-1MSD) analysis met criteria for all compounds except for Aluminum, Barium, Calcium, Iron, Lead, Zinc due to soil matrix is having tiny stones along with brown soil, which is causing not consistent recovery for these elements and also their is unknown interference during digestion.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Mercury,Metals ICP-TAL : The Post Digest Spike (SB-1125-24A) analysis met criteria for all compounds except for Mercury due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

The Post Digest Spike (FENCE WC-1A) analysis met criteria for all compounds except for Barium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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SVOC-TCL BNA : The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3741

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/10/2025

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	VOC-TCLVOA-10	8260D	11/19/25		12/01/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	VOC-TCLVOA-10	8260D	11/20/25		12/01/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	VOC-TCLVOA-10	8260D	11/20/25		12/01/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	VOC-TCLVOA-10	8260D	11/24/25		12/01/25	11/26/25
Q3741-04RE	B50-SP9-112425RE	SOIL	VOC-TCLVOA-10	8260D	11/24/25		12/02/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3741-05RE	B50-SP11-112525RE	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/01/25	11/26/25
Q3741-06RE	B50-SP4-112525RE	SOIL	VOC-TCLVOA-10	8260D	11/25/25		12/02/25	11/26/25
Q3741-07	TB-1	Water	VOC-TCLVOA-10	8260-Low	11/25/25		12/01/25	11/26/25

Hit Summary Sheet

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	B50-SP13-112025							
Q3741-02	B50-SP13-112025	SOIL	Acetone	5.90	J	5.30	28.2	ug/Kg
			Total Voc :	5.90				
			Total Concentration:	5.90				
Client ID:	B50-SP14-112025							
Q3741-03	B50-SP14-112025	SOIL	Acetone	18.3	J	5.80	30.5	ug/Kg
			Total Voc :	18.3				
			Total Concentration:	18.3				
Client ID:	B50-SP9-112425							
Q3741-04	B50-SP9-112425	SOIL	Acetone	13.2	J	4.90	26.0	ug/Kg
			Total Voc :	13.2				
			Total Concentration:	13.2				
Client ID:	B50-SP11-112525							
Q3741-05	B50-SP11-112525	SOIL	Acetone	24.7	J	5.90	30.9	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Methylcyclohexane	2.70	J	1.10	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Toluene	2.10	J	0.96	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Ethyl Benzene	2.50	J	0.83	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	m/p-Xylenes	11.4	J	1.50	12.4	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	o-Xylene	7.40		1.00	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Isopropylbenzene	1.30	J	0.96	6.20	ug/Kg
			Total Voc :	52.1				
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1,2,3,4-tetramethyl- *	20.9	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1,2,3-trimethyl- *	20.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1-ethyl-3-methyl- *	30.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 1-ethyl-3,5-dimethyl- *	31.8	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 4-ethyl-1,2-dimethyl- *	28.4	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzene, 2-ethyl-1,4-dimethyl- *	20.2	J	0	0	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	n-propylbenzene *	4.30	J	0.90	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	1,3,5-Trimethylbenzene *	27.4	J	1.00	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	1,2,4-Trimethylbenzene *	58.5	J	0.79	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	sec-Butylbenzene *	1.70	J	0.82	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	p-Isopropyltoluene *	1.30	J	0.77	6.20	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	n-Butylbenzene *	2.50	J	1.80	6.20	ug/Kg
			Total Tics :	249				
			Total Concentration:	301				
Client ID:	B50-SP11-112525RE							
Q3741-05RE	B50-SP11-112525R	SOIL	Acetone	18.8	J	4.80	25.3	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Methylcyclohexane	1.90	J	0.92	5.10	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3741
Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-05RE	B50-SP11-112525R	SOIL	Toluene	2.10	J	0.79	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Ethyl Benzene	3.70	J	0.68	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	m/p-Xylenes	18.6		1.30	10.1	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	o-Xylene	11.6		0.83	5.10	ug/Kg
Q3741-05RE	B50-SP11-112525R	SOIL	Isopropylbenzene	1.70	J	0.79	5.10	ug/Kg
Total Voc :				58.4				
Total Concentration:				58.4				
Client ID:	B50-SP4-112525							
Q3741-06	B50-SP4-112525	SOIL	Camphene	* 380	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.alpha.-Pinene	* 1000	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.gamma.-Terpinene	* 59.2	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	1,3-Cyclohexadiene, 1-methyl-	* 110	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	.beta.-Pinene	* 220	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Tricyclo[2.2.1.0(2,6)]heptane, 1	* 21.0	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Cyclohexene, 1-methyl-4-(1-methyl-2-propenyl)-	* 82.9	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Cyclohexene, 5-methyl-3-(1-methyl-2-propenyl)-	* 40.6	J	0	0	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	p-Isopropyltoluene	* 64.7	J	0.60	4.80	ug/Kg
Total Tics :				1980				
Total Concentration:				1980				
Client ID:	B50-SP4-112525RE							
Q3741-06RE	B50-SP4-112525RE	SOIL	Acetone	23.7	J	5.50	28.8	ug/Kg
Q3741-06RE	B50-SP4-112525RE	SOIL	Isopropylbenzene	4.40	J	0.90	5.80	ug/Kg
Total Voc :				28.1				
Total Concentration:				28.1				



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8260D
Sample Wt/Vol: 6.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
74-87-3	Chloromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
75-01-4	Vinyl Chloride	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
74-83-9	Bromomethane	0.92	U	1	0.92	4.30	ug/Kg	12/01/25 14:23	VY120125
75-00-3	Chloroethane	1.10	U	1	1.10	4.30	ug/Kg	12/01/25 14:23	VY120125
75-69-4	Trichlorofluoromethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
75-35-4	1,1-Dichloroethene	0.86	U	1	0.86	4.30	ug/Kg	12/01/25 14:23	VY120125
67-64-1	Acetone	4.10	U	1	4.10	21.5	ug/Kg	12/01/25 14:23	VY120125
75-15-0	Carbon Disulfide	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
1634-04-4	Methyl tert-butyl Ether	0.63	U	1	0.63	4.30	ug/Kg	12/01/25 14:23	VY120125
79-20-9	Methyl Acetate	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
75-09-2	Methylene Chloride	3.00	U	1	3.00	8.60	ug/Kg	12/01/25 14:23	VY120125
156-60-5	trans-1,2-Dichloroethene	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125
75-34-3	1,1-Dichloroethane	0.69	U	1	0.69	4.30	ug/Kg	12/01/25 14:23	VY120125
110-82-7	Cyclohexane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
78-93-3	2-Butanone	5.60	U	1	5.60	21.5	ug/Kg	12/01/25 14:23	VY120125
56-23-5	Carbon Tetrachloride	0.83	U	1	0.83	4.30	ug/Kg	12/01/25 14:23	VY120125
156-59-2	cis-1,2-Dichloroethene	0.64	U	1	0.64	4.30	ug/Kg	12/01/25 14:23	VY120125
74-97-5	Bromochloromethane	0.99	U	1	0.99	4.30	ug/Kg	12/01/25 14:23	VY120125
67-66-3	Chloroform	0.72	U	1	0.72	4.30	ug/Kg	12/01/25 14:23	VY120125
71-55-6	1,1,1-Trichloroethane	0.80	U	1	0.80	4.30	ug/Kg	12/01/25 14:23	VY120125
108-87-2	Methylcyclohexane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
71-43-2	Benzene	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
107-06-2	1,2-Dichloroethane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
79-01-6	Trichloroethene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
78-87-5	1,2-Dichloropropane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
75-27-4	Bromodichloromethane	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
108-10-1	4-Methyl-2-Pentanone	3.10	U	1	3.10	21.5	ug/Kg	12/01/25 14:23	VY120125
108-88-3	Toluene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-02-6	t-1,3-Dichloropropene	0.56	U	1	0.56	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.53	U	1	0.53	4.30	ug/Kg	12/01/25 14:23	VY120125
79-00-5	1,1,2-Trichloroethane	0.79	U	1	0.79	4.30	ug/Kg	12/01/25 14:23	VY120125
591-78-6	2-Hexanone	3.20	U	1	3.20	21.5	ug/Kg	12/01/25 14:23	VY120125
124-48-1	Dibromochloromethane	0.75	U	1	0.75	4.30	ug/Kg	12/01/25 14:23	VY120125
106-93-4	1,2-Dibromoethane	0.76	U	1	0.76	4.30	ug/Kg	12/01/25 14:23	VY120125
127-18-4	Tetrachloroethene	0.90	U	1	0.90	4.30	ug/Kg	12/01/25 14:23	VY120125
108-90-7	Chlorobenzene	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
100-41-4	Ethyl Benzene	0.58	U	1	0.58	4.30	ug/Kg	12/01/25 14:23	VY120125
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	8.60	ug/Kg	12/01/25 14:23	VY120125
95-47-6	o-Xylene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
100-42-5	Styrene	0.61	U	1	0.61	4.30	ug/Kg	12/01/25 14:23	VY120125
75-25-2	Bromoform	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8260D
Sample Wt/Vol: 6.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
541-73-1	1,3-Dichlorobenzene	1.50	U	1	1.50	4.30	ug/Kg	12/01/25 14:23	VY120125
106-46-7	1,4-Dichlorobenzene	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
95-50-1	1,2-Dichlorobenzene	1.20	U	1	1.20	4.30	ug/Kg	12/01/25 14:23	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1	1.60	4.30	ug/Kg	12/01/25 14:23	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.50	U	1	2.50	4.30	ug/Kg	12/01/25 14:23	VY120125
87-61-6	1,2,3-Trichlorobenzene	2.70	U	1	2.70	4.30	ug/Kg	12/01/25 14:23	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.1			63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1			70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0			52 - 138	86%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	650000
540-36-3	1,4-Difluorobenzene	1230000
3114-55-4	Chlorobenzene-d5	1030000
3855-82-1	1,4-Dichlorobenzene-d4	403000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8260D
Sample Wt/Vol: 5.13 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:49	VY120125
74-87-3	Chloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:49	VY120125
75-01-4	Vinyl Chloride	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
74-83-9	Bromomethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
75-00-3	Chloroethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:49	VY120125
67-64-1	Acetone	5.90	J	1	5.30	28.2	ug/Kg	12/01/25 12:49	VY120125
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
1634-04-4	Methyl tert-butyl Ether	0.82	U	1	0.82	5.60	ug/Kg	12/01/25 12:49	VY120125
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.60	ug/Kg	12/01/25 12:49	VY120125
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.3	ug/Kg	12/01/25 12:49	VY120125
156-60-5	trans-1,2-Dichloroethene	0.97	U	1	0.97	5.60	ug/Kg	12/01/25 12:49	VY120125
75-34-3	1,1-Dichloroethane	0.90	U	1	0.90	5.60	ug/Kg	12/01/25 12:49	VY120125
110-82-7	Cyclohexane	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
78-93-3	2-Butanone	7.40	U	1	7.40	28.2	ug/Kg	12/01/25 12:49	VY120125
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.60	ug/Kg	12/01/25 12:49	VY120125
156-59-2	cis-1,2-Dichloroethene	0.85	U	1	0.85	5.60	ug/Kg	12/01/25 12:49	VY120125
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.60	ug/Kg	12/01/25 12:49	VY120125
67-66-3	Chloroform	0.95	U	1	0.95	5.60	ug/Kg	12/01/25 12:49	VY120125
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
71-43-2	Benzene	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
107-06-2	1,2-Dichloroethane	0.89	U	1	0.89	5.60	ug/Kg	12/01/25 12:49	VY120125
79-01-6	Trichloroethene	0.91	U	1	0.91	5.60	ug/Kg	12/01/25 12:49	VY120125
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
75-27-4	Bromodichloromethane	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	4.00	28.2	ug/Kg	12/01/25 12:49	VY120125
108-88-3	Toluene	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
10061-02-6	t-1,3-Dichloropropene	0.73	U	1	0.73	5.60	ug/Kg	12/01/25 12:49	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.70	U	1	0.70	5.60	ug/Kg	12/01/25 12:49	VY120125
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
591-78-6	2-Hexanone	4.20	U	1	4.20	28.2	ug/Kg	12/01/25 12:49	VY120125
124-48-1	Dibromochloromethane	0.98	U	1	0.98	5.60	ug/Kg	12/01/25 12:49	VY120125
106-93-4	1,2-Dibromoethane	0.99	U	1	0.99	5.60	ug/Kg	12/01/25 12:49	VY120125
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.60	ug/Kg	12/01/25 12:49	VY120125
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.60	ug/Kg	12/01/25 12:49	VY120125
100-41-4	Ethyl Benzene	0.76	U	1	0.76	5.60	ug/Kg	12/01/25 12:49	VY120125
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.3	ug/Kg	12/01/25 12:49	VY120125
95-47-6	o-Xylene	0.93	U	1	0.93	5.60	ug/Kg	12/01/25 12:49	VY120125
100-42-5	Styrene	0.80	U	1	0.80	5.60	ug/Kg	12/01/25 12:49	VY120125
75-25-2	Bromoform	0.97	U	1	0.97	5.60	ug/Kg	12/01/25 12:49	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8260D
Sample Wt/Vol: 5.13 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.88	U	1	0.88	5.60	ug/Kg	12/01/25 12:49	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.60	ug/Kg	12/01/25 12:49	VY120125
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.60	ug/Kg	12/01/25 12:49	VY120125
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.60	ug/Kg	12/01/25 12:49	VY120125
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.60	ug/Kg	12/01/25 12:49	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.60	ug/Kg	12/01/25 12:49	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.60	ug/Kg	12/01/25 12:49	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.60	ug/Kg	12/01/25 12:49	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.0			63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7			70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	50.5			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1			52 - 138	80%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	655000
540-36-3	1,4-Difluorobenzene	1210000
3114-55-4	Chlorobenzene-d5	990000
3855-82-1	1,4-Dichlorobenzene-d4	344000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8260D
Sample Wt/Vol: 4.69 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
75-01-4	Vinyl Chloride	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-00-3	Chloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
67-64-1	Acetone	18.3	J	1	5.80	30.5	ug/Kg	12/01/25 13:12	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
1634-04-4	Methyl tert-butyl Ether	0.89	U	1	0.89	6.10	ug/Kg	12/01/25 13:12	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.2	ug/Kg	12/01/25 13:12	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-34-3	1,1-Dichloroethane	0.98	U	1	0.98	6.10	ug/Kg	12/01/25 13:12	VY120125
110-82-7	Cyclohexane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
78-93-3	2-Butanone	8.00	U	1	8.00	30.5	ug/Kg	12/01/25 13:12	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
156-59-2	cis-1,2-Dichloroethene	0.92	U	1	0.92	6.10	ug/Kg	12/01/25 13:12	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
71-43-2	Benzene	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
107-06-2	1,2-Dichloroethane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	12/01/25 13:12	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-27-4	Bromodichloromethane	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.5	ug/Kg	12/01/25 13:12	VY120125
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.76	U	1	0.76	6.10	ug/Kg	12/01/25 13:12	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
591-78-6	2-Hexanone	4.50	U	1	4.50	30.5	ug/Kg	12/01/25 13:12	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	12/01/25 13:12	VY120125
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.2	ug/Kg	12/01/25 13:12	VY120125
95-47-6	o-Xylene	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
100-42-5	Styrene	0.87	U	1	0.87	6.10	ug/Kg	12/01/25 13:12	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8260D
Sample Wt/Vol: 4.69 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.10	ug/Kg	12/01/25 13:12	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.10	ug/Kg	12/01/25 13:12	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.10	ug/Kg	12/01/25 13:12	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.10	ug/Kg	12/01/25 13:12	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	64.0			63 - 155	128%	SPK: 50
1868-53-7	Dibromofluoromethane	39.4			70 - 134	79%	SPK: 50
2037-26-5	Toluene-d8	50.9			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.1			52 - 138	78%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	548000
540-36-3	1,4-Difluorobenzene	1010000
3114-55-4	Chlorobenzene-d5	813000
3855-82-1	1,4-Dichlorobenzene-d4	286000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8260D
Sample Wt/Vol: 5.64 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
74-87-3	Chloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
75-01-4	Vinyl Chloride	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
67-64-1	Acetone	13.2	J	1	4.90	26.0	ug/Kg	12/01/25 13:36	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
1634-04-4	Methyl tert-butyl Ether	0.76	U	1	0.76	5.20	ug/Kg	12/01/25 13:36	VY120125
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
75-09-2	Methylene Chloride	3.70	U	1	3.70	10.4	ug/Kg	12/01/25 13:36	VY120125
156-60-5	trans-1,2-Dichloroethene	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125
75-34-3	1,1-Dichloroethane	0.83	U	1	0.83	5.20	ug/Kg	12/01/25 13:36	VY120125
110-82-7	Cyclohexane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
78-93-3	2-Butanone	6.80	U	1	6.80	26.0	ug/Kg	12/01/25 13:36	VY120125
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
156-59-2	cis-1,2-Dichloroethene	0.78	U	1	0.78	5.20	ug/Kg	12/01/25 13:36	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
67-66-3	Chloroform	0.87	U	1	0.87	5.20	ug/Kg	12/01/25 13:36	VY120125
71-55-6	1,1,1-Trichloroethane	0.97	U	1	0.97	5.20	ug/Kg	12/01/25 13:36	VY120125
108-87-2	Methylcyclohexane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
71-43-2	Benzene	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
107-06-2	1,2-Dichloroethane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
79-01-6	Trichloroethene	0.84	U	1	0.84	5.20	ug/Kg	12/01/25 13:36	VY120125
78-87-5	1,2-Dichloropropane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
75-27-4	Bromodichloromethane	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	26.0	ug/Kg	12/01/25 13:36	VY120125
108-88-3	Toluene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-02-6	t-1,3-Dichloropropene	0.68	U	1	0.68	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.65	U	1	0.65	5.20	ug/Kg	12/01/25 13:36	VY120125
79-00-5	1,1,2-Trichloroethane	0.96	U	1	0.96	5.20	ug/Kg	12/01/25 13:36	VY120125
591-78-6	2-Hexanone	3.80	U	1	3.80	26.0	ug/Kg	12/01/25 13:36	VY120125
124-48-1	Dibromochloromethane	0.91	U	1	0.91	5.20	ug/Kg	12/01/25 13:36	VY120125
106-93-4	1,2-Dibromoethane	0.92	U	1	0.92	5.20	ug/Kg	12/01/25 13:36	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
108-90-7	Chlorobenzene	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
100-41-4	Ethyl Benzene	0.70	U	1	0.70	5.20	ug/Kg	12/01/25 13:36	VY120125
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.4	ug/Kg	12/01/25 13:36	VY120125
95-47-6	o-Xylene	0.85	U	1	0.85	5.20	ug/Kg	12/01/25 13:36	VY120125
100-42-5	Styrene	0.74	U	1	0.74	5.20	ug/Kg	12/01/25 13:36	VY120125
75-25-2	Bromoform	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8260D
Sample Wt/Vol: 5.64 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.20	ug/Kg	12/01/25 13:36	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.20	ug/Kg	12/01/25 13:36	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.20	ug/Kg	12/01/25 13:36	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.10	U	1	3.10	5.20	ug/Kg	12/01/25 13:36	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.30	U	1	3.30	5.20	ug/Kg	12/01/25 13:36	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	68.2			63 - 155	136%	SPK: 50
1868-53-7	Dibromofluoromethane	24.6	*		70 - 134	49%	SPK: 50
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5			52 - 138	81%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	491000
540-36-3	1,4-Difluorobenzene	930000
3114-55-4	Chlorobenzene-d5	778000
3855-82-1	1,4-Dichlorobenzene-d4	274000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425RE
Lab Sample ID: Q3741-04RE
Analytical Method: 8260D
Sample Wt/Vol: 5.07 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 12:55	VY120225
74-87-3	Chloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 12:55	VY120225
75-01-4	Vinyl Chloride	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
74-83-9	Bromomethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
75-00-3	Chloroethane	1.50	U	1	1.50	5.80	ug/Kg	12/02/25 12:55	VY120225
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 12:55	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
67-64-1	Acetone	5.50	U	1	5.50	28.9	ug/Kg	12/02/25 12:55	VY120225
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
1634-04-4	Methyl tert-butyl Ether	0.84	U	1	0.84	5.80	ug/Kg	12/02/25 12:55	VY120225
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 12:55	VY120225
75-09-2	Methylene Chloride	4.10	U	1	4.10	11.6	ug/Kg	12/02/25 12:55	VY120225
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
75-34-3	1,1-Dichloroethane	0.93	U	1	0.93	5.80	ug/Kg	12/02/25 12:55	VY120225
110-82-7	Cyclohexane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
78-93-3	2-Butanone	7.60	U	1	7.60	28.9	ug/Kg	12/02/25 12:55	VY120225
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
156-59-2	cis-1,2-Dichloroethene	0.87	U	1	0.87	5.80	ug/Kg	12/02/25 12:55	VY120225
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 12:55	VY120225
67-66-3	Chloroform	0.97	U	1	0.97	5.80	ug/Kg	12/02/25 12:55	VY120225
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
71-43-2	Benzene	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
107-06-2	1,2-Dichloroethane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 12:55	VY120225
79-01-6	Trichloroethene	0.94	U	1	0.94	5.80	ug/Kg	12/02/25 12:55	VY120225
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
75-27-4	Bromodichloromethane	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.9	ug/Kg	12/02/25 12:55	VY120225
108-88-3	Toluene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
10061-02-6	t-1,3-Dichloropropene	0.75	U	1	0.75	5.80	ug/Kg	12/02/25 12:55	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.72	U	1	0.72	5.80	ug/Kg	12/02/25 12:55	VY120225
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
591-78-6	2-Hexanone	4.30	U	1	4.30	28.9	ug/Kg	12/02/25 12:55	VY120225
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 12:55	VY120225
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 12:55	VY120225
100-41-4	Ethyl Benzene	0.78	U	1	0.78	5.80	ug/Kg	12/02/25 12:55	VY120225
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.6	ug/Kg	12/02/25 12:55	VY120225
95-47-6	o-Xylene	0.95	U	1	0.95	5.80	ug/Kg	12/02/25 12:55	VY120225
100-42-5	Styrene	0.82	U	1	0.82	5.80	ug/Kg	12/02/25 12:55	VY120225
75-25-2	Bromoform	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 12:55	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425RE
Lab Sample ID: Q3741-04RE
Analytical Method: 8260D
Sample Wt/Vol: 5.07 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 12:55	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 12:55	VY120225
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.80	ug/Kg	12/02/25 12:55	VY120225
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 12:55	VY120225
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.80	ug/Kg	12/02/25 12:55	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.80	ug/Kg	12/02/25 12:55	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.80	ug/Kg	12/02/25 12:55	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.80	ug/Kg	12/02/25 12:55	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.6			63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	42.3			70 - 134	85%	SPK: 50
2037-26-5	Toluene-d8	49.1			74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	24.7	*		52 - 138	49%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	26000
540-36-3	1,4-Difluorobenzene	35100
3114-55-4	Chlorobenzene-d5	25900
3855-82-1	1,4-Dichlorobenzene-d4	4750

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8260D
Sample Wt/Vol: 4.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
75-01-4	Vinyl Chloride	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-00-3	Chloroethane	1.60	U	1	1.60	6.20	ug/Kg	12/01/25 13:59	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
67-64-1	Acetone	24.7	J	1	5.90	30.9	ug/Kg	12/01/25 13:59	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
1634-04-4	Methyl tert-butyl Ether	0.90	U	1	0.90	6.20	ug/Kg	12/01/25 13:59	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
75-09-2	Methylene Chloride	4.40	U	1	4.40	12.4	ug/Kg	12/01/25 13:59	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-34-3	1,1-Dichloroethane	0.99	U	1	0.99	6.20	ug/Kg	12/01/25 13:59	VY120125
110-82-7	Cyclohexane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
78-93-3	2-Butanone	8.10	U	1	8.10	30.9	ug/Kg	12/01/25 13:59	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
156-59-2	cis-1,2-Dichloroethene	0.93	U	1	0.93	6.20	ug/Kg	12/01/25 13:59	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
108-87-2	Methylcyclohexane	2.70	J	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
71-43-2	Benzene	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
107-06-2	1,2-Dichloroethane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
79-01-6	Trichloroethene	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-27-4	Bromodichloromethane	0.96	U	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.9	ug/Kg	12/01/25 13:59	VY120125
108-88-3	Toluene	2.10	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-02-6	t-1,3-Dichloropropene	0.80	U	1	0.80	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.77	U	1	0.77	6.20	ug/Kg	12/01/25 13:59	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
591-78-6	2-Hexanone	4.60	U	1	4.60	30.9	ug/Kg	12/01/25 13:59	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
100-41-4	Ethyl Benzene	2.50	J	1	0.83	6.20	ug/Kg	12/01/25 13:59	VY120125
179601-23-1	m/p-Xylenes	11.4	J	1	1.50	12.4	ug/Kg	12/01/25 13:59	VY120125
95-47-6	o-Xylene	7.40		1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
100-42-5	Styrene	0.88	U	1	0.88	6.20	ug/Kg	12/01/25 13:59	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8260D
Sample Wt/Vol: 4.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.30	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.20	ug/Kg	12/01/25 13:59	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1	2.30	6.20	ug/Kg	12/01/25 13:59	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.70	U	1	3.70	6.20	ug/Kg	12/01/25 13:59	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.20	ug/Kg	12/01/25 13:59	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	31.3	*		70 - 134	63%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.5			52 - 138	71%	SPK: 50

INTERNAL STANDARDS

	Area Count	
363-72-4	Pentafluorobenzene	153000
540-36-3	1,4-Difluorobenzene	238000
3114-55-4	Chlorobenzene-d5	180000
3855-82-1	1,4-Dichlorobenzene-d4	60500

TENTATIVE IDENTIFIED COMPOUNDS

103-65-1	n-propylbenzene	4.30	J		12.6	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	30.8	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	27.4	J		12.7	ug/Kg
000526-73-8	Benzene, 1,2,3-trimethyl-	20.8	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	58.5	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	1.70	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	1.30	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	2.50	J		13.6	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	20.2	J		13.8	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	28.4	J		13.9	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	20.9	J		14.2	ug/Kg
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	31.8	J		14.3	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525RE
Lab Sample ID: Q3741-05RE
Analytical Method: 8260D
Sample Wt/Vol: 5.85 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
75-01-4	Vinyl Chloride	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	12/02/25 13:18	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	12/02/25 13:18	VY120225
67-64-1	Acetone	18.8	J	1	4.80	25.3	ug/Kg	12/02/25 13:18	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
1634-04-4	Methyl tert-butyl Ether	0.74	U	1	0.74	5.10	ug/Kg	12/02/25 13:18	VY120225
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.1	ug/Kg	12/02/25 13:18	VY120225
156-60-5	trans-1,2-Dichloroethene	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225
75-34-3	1,1-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	12/02/25 13:18	VY120225
110-82-7	Cyclohexane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
78-93-3	2-Butanone	6.60	U	1	6.60	25.3	ug/Kg	12/02/25 13:18	VY120225
56-23-5	Carbon Tetrachloride	0.98	U	1	0.98	5.10	ug/Kg	12/02/25 13:18	VY120225
156-59-2	cis-1,2-Dichloroethene	0.76	U	1	0.76	5.10	ug/Kg	12/02/25 13:18	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
67-66-3	Chloroform	0.85	U	1	0.85	5.10	ug/Kg	12/02/25 13:18	VY120225
71-55-6	1,1,1-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	12/02/25 13:18	VY120225
108-87-2	Methylcyclohexane	1.90	J	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
71-43-2	Benzene	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
107-06-2	1,2-Dichloroethane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
79-01-6	Trichloroethene	0.82	U	1	0.82	5.10	ug/Kg	12/02/25 13:18	VY120225
78-87-5	1,2-Dichloropropane	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
75-27-4	Bromodichloromethane	0.79	U	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.3	ug/Kg	12/02/25 13:18	VY120225
108-88-3	Toluene	2.10	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-02-6	t-1,3-Dichloropropene	0.66	U	1	0.66	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.63	U	1	0.63	5.10	ug/Kg	12/02/25 13:18	VY120225
79-00-5	1,1,2-Trichloroethane	0.93	U	1	0.93	5.10	ug/Kg	12/02/25 13:18	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.3	ug/Kg	12/02/25 13:18	VY120225
124-48-1	Dibromochloromethane	0.88	U	1	0.88	5.10	ug/Kg	12/02/25 13:18	VY120225
106-93-4	1,2-Dibromoethane	0.89	U	1	0.89	5.10	ug/Kg	12/02/25 13:18	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
108-90-7	Chlorobenzene	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
100-41-4	Ethyl Benzene	3.70	J	1	0.68	5.10	ug/Kg	12/02/25 13:18	VY120225
179601-23-1	m/p-Xylenes	18.6		1	1.30	10.1	ug/Kg	12/02/25 13:18	VY120225
95-47-6	o-Xylene	11.6		1	0.83	5.10	ug/Kg	12/02/25 13:18	VY120225
100-42-5	Styrene	0.72	U	1	0.72	5.10	ug/Kg	12/02/25 13:18	VY120225
75-25-2	Bromoform	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525RE
Lab Sample ID: Q3741-05RE
Analytical Method: 8260D
Sample Wt/Vol: 5.85 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.70	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.10	ug/Kg	12/02/25 13:18	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	12/02/25 13:18	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	12/02/25 13:18	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	12/02/25 13:18	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.10	ug/Kg	12/02/25 13:18	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.1			63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	29.5	*		70 - 134	59%	SPK: 50
2037-26-5	Toluene-d8	51.4			74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	438000
540-36-3	1,4-Difluorobenzene	779000
3114-55-4	Chlorobenzene-d5	644000
3855-82-1	1,4-Dichlorobenzene-d4	232000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8260D
Sample Wt/Vol: 6.04 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
75-01-4	Vinyl Chloride	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
74-83-9	Bromomethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-00-3	Chloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-35-4	1,1-Dichloroethene	0.96	U	1	0.96	4.80	ug/Kg	12/01/25 14:46	VY120125
67-64-1	Acetone	4.60	U	1	4.60	24.1	ug/Kg	12/01/25 14:46	VY120125
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
1634-04-4	Methyl tert-butyl Ether	0.70	U	1	0.70	4.80	ug/Kg	12/01/25 14:46	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
75-09-2	Methylene Chloride	3.40	U	1	3.40	9.60	ug/Kg	12/01/25 14:46	VY120125
156-60-5	trans-1,2-Dichloroethene	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125
75-34-3	1,1-Dichloroethane	0.77	U	1	0.77	4.80	ug/Kg	12/01/25 14:46	VY120125
110-82-7	Cyclohexane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
78-93-3	2-Butanone	6.30	U	1	6.30	24.1	ug/Kg	12/01/25 14:46	VY120125
56-23-5	Carbon Tetrachloride	0.93	U	1	0.93	4.80	ug/Kg	12/01/25 14:46	VY120125
156-59-2	cis-1,2-Dichloroethene	0.72	U	1	0.72	4.80	ug/Kg	12/01/25 14:46	VY120125
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
67-66-3	Chloroform	0.81	U	1	0.81	4.80	ug/Kg	12/01/25 14:46	VY120125
71-55-6	1,1,1-Trichloroethane	0.90	U	1	0.90	4.80	ug/Kg	12/01/25 14:46	VY120125
108-87-2	Methylcyclohexane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
71-43-2	Benzene	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
107-06-2	1,2-Dichloroethane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
79-01-6	Trichloroethene	0.78	U	1	0.78	4.80	ug/Kg	12/01/25 14:46	VY120125
78-87-5	1,2-Dichloropropane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
75-27-4	Bromodichloromethane	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.1	ug/Kg	12/01/25 14:46	VY120125
108-88-3	Toluene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-02-6	t-1,3-Dichloropropene	0.63	U	1	0.63	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.60	U	1	0.60	4.80	ug/Kg	12/01/25 14:46	VY120125
79-00-5	1,1,2-Trichloroethane	0.89	U	1	0.89	4.80	ug/Kg	12/01/25 14:46	VY120125
591-78-6	2-Hexanone	3.60	U	1	3.60	24.1	ug/Kg	12/01/25 14:46	VY120125
124-48-1	Dibromochloromethane	0.84	U	1	0.84	4.80	ug/Kg	12/01/25 14:46	VY120125
106-93-4	1,2-Dibromoethane	0.85	U	1	0.85	4.80	ug/Kg	12/01/25 14:46	VY120125
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
108-90-7	Chlorobenzene	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
100-41-4	Ethyl Benzene	0.65	U	1	0.65	4.80	ug/Kg	12/01/25 14:46	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.60	ug/Kg	12/01/25 14:46	VY120125
95-47-6	o-Xylene	0.79	U	1	0.79	4.80	ug/Kg	12/01/25 14:46	VY120125
100-42-5	Styrene	0.68	U	1	0.68	4.80	ug/Kg	12/01/25 14:46	VY120125
75-25-2	Bromoform	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8260D
Sample Wt/Vol: 6.04 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.80	ug/Kg	12/01/25 14:46	VY120125
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.80	ug/Kg	12/01/25 14:46	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.80	ug/Kg	12/01/25 14:46	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.80	ug/Kg	12/01/25 14:46	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.80	ug/Kg	12/01/25 14:46	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	39.7			63 - 155	79%	SPK: 50
1868-53-7	Dibromofluoromethane	16.1	*		70 - 134	32%	SPK: 50
2037-26-5	Toluene-d8	46.9			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.1			52 - 138	68%	SPK: 50

INTERNAL STANDARDS

		Area Count
363-72-4	Pentafluorobenzene	27800
540-36-3	1,4-Difluorobenzene	36500
3114-55-4	Chlorobenzene-d5	25300
3855-82-1	1,4-Dichlorobenzene-d4	6300

TENTATIVE IDENTIFIED COMPOUNDS

000508-32-7	Tricyclo[2.2.1.0(2,6)]heptane, 1,7	21.0	J		12.2	ug/Kg
000080-56-8	.alpha.-Pinene	1000	J		12.3	ug/Kg
056816-08-1	Cyclohexene, 5-methyl-3-(1-methyl-4-oxo-2-prop-1-en-1-yl)-	40.6	J		12.5	ug/Kg
000079-92-5	Camphene	380	J		12.5	ug/Kg
000127-91-3	.beta.-Pinene	220	J		12.8	ug/Kg
000099-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	110	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	64.7	J		13.3	ug/Kg
000099-85-4	.gamma.-Terpinene	59.2	J		13.5	ug/Kg
000586-62-9	Cyclohexene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	82.9	J		13.8	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525RE
Lab Sample ID: Q3741-06RE
Analytical Method: 8260D
Sample Wt/Vol: 5.06 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 13:42	VY120225
74-87-3	Chloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 13:42	VY120225
75-01-4	Vinyl Chloride	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
74-83-9	Bromomethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
75-00-3	Chloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
67-64-1	Acetone	23.7	J	1	5.50	28.8	ug/Kg	12/02/25 13:42	VY120225
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
1634-04-4	Methyl tert-butyl Ether	0.84	U	1	0.84	5.80	ug/Kg	12/02/25 13:42	VY120225
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 13:42	VY120225
75-09-2	Methylene Chloride	4.10	U	1	4.10	11.5	ug/Kg	12/02/25 13:42	VY120225
156-60-5	trans-1,2-Dichloroethene	0.99	U	1	0.99	5.80	ug/Kg	12/02/25 13:42	VY120225
75-34-3	1,1-Dichloroethane	0.92	U	1	0.92	5.80	ug/Kg	12/02/25 13:42	VY120225
110-82-7	Cyclohexane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
78-93-3	2-Butanone	7.50	U	1	7.50	28.8	ug/Kg	12/02/25 13:42	VY120225
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
156-59-2	cis-1,2-Dichloroethene	0.86	U	1	0.86	5.80	ug/Kg	12/02/25 13:42	VY120225
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.80	ug/Kg	12/02/25 13:42	VY120225
67-66-3	Chloroform	0.97	U	1	0.97	5.80	ug/Kg	12/02/25 13:42	VY120225
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
71-43-2	Benzene	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
107-06-2	1,2-Dichloroethane	0.91	U	1	0.91	5.80	ug/Kg	12/02/25 13:42	VY120225
79-01-6	Trichloroethene	0.93	U	1	0.93	5.80	ug/Kg	12/02/25 13:42	VY120225
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
75-27-4	Bromodichloromethane	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.8	ug/Kg	12/02/25 13:42	VY120225
108-88-3	Toluene	0.90	U	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
10061-02-6	t-1,3-Dichloropropene	0.75	U	1	0.75	5.80	ug/Kg	12/02/25 13:42	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.71	U	1	0.71	5.80	ug/Kg	12/02/25 13:42	VY120225
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.80	ug/Kg	12/02/25 13:42	VY120225
591-78-6	2-Hexanone	4.20	U	1	4.20	28.8	ug/Kg	12/02/25 13:42	VY120225
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.80	ug/Kg	12/02/25 13:42	VY120225
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.80	ug/Kg	12/02/25 13:42	VY120225
100-41-4	Ethyl Benzene	0.77	U	1	0.77	5.80	ug/Kg	12/02/25 13:42	VY120225
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.5	ug/Kg	12/02/25 13:42	VY120225
95-47-6	o-Xylene	0.94	U	1	0.94	5.80	ug/Kg	12/02/25 13:42	VY120225
100-42-5	Styrene	0.82	U	1	0.82	5.80	ug/Kg	12/02/25 13:42	VY120225
75-25-2	Bromoform	0.99	U	1	0.99	5.80	ug/Kg	12/02/25 13:42	VY120225

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525RE	SDG No.:	Q3741
Lab Sample ID:	Q3741-06RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.9
Sample Wt/Vol:	5.06 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	4.40	J	1	0.90	5.80	ug/Kg	12/02/25 13:42	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.80	ug/Kg	12/02/25 13:42	VY120225
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.80	ug/Kg	12/02/25 13:42	VY120225
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.80	ug/Kg	12/02/25 13:42	VY120225
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.80	ug/Kg	12/02/25 13:42	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.80	ug/Kg	12/02/25 13:42	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.80	ug/Kg	12/02/25 13:42	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.80	ug/Kg	12/02/25 13:42	VY120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.2			63 - 155	90%	SPK: 50		
1868-53-7	Dibromofluoromethane	35.2			70 - 134	70%	SPK: 50		
2037-26-5	Toluene-d8	48.5			74 - 123	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	32.5			52 - 138	65%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	84200							
540-36-3	1,4-Difluorobenzene	113000							
3114-55-4	Chlorobenzene-d5	83700							
3855-82-1	1,4-Dichlorobenzene-d4	24700							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: TB-1
Lab Sample ID: Q3741-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 12:51	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 12:51	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 12:51	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 12:51	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 12:51	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 12:51	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 12:51	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 12:51	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 12:51	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 12:51	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 12:51	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 12:51	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 12:51	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 12:51	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 12:51	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 12:51	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 12:51	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 12:51	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 12:51	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 12:51	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 12:51	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 12:51	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 12:51	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 12:51	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: TB-1
Lab Sample ID: Q3741-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 12:51	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 12:51	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 12:51	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 12:51	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 12:51	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 12:51	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	54.3			74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6			75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.4			86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5			77 - 121	109%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	191000
540-36-3	1,4-Difluorobenzene	417000
3114-55-4	Chlorobenzene-d5	399000
3855-82-1	1,4-Dichlorobenzene-d4	193000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3741**

Client: **Core Environmental Consultants and Services, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-01	B50-SP3-111925	1,2-Dichloroethane-d4	50	63.1	126		63	155
		Dibromofluoromethane	50	52.1	104		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	43.0	86		52	138
Q3741-02	B50-SP13-112025	1,2-Dichloroethane-d4	50	61.0	122		63	155
		Dibromofluoromethane	50	52.7	105		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	40.1	80		52	138
Q3741-03	B50-SP14-112025	1,2-Dichloroethane-d4	50	64.0	128		63	155
		Dibromofluoromethane	50	39.4	79		70	134
		Toluene-d8	50	50.9	102		74	123
		4-Bromofluorobenzene	50	39.1	78		52	138
Q3741-04	B50-SP9-112425	1,2-Dichloroethane-d4	50	68.2	136		63	155
		Dibromofluoromethane	50	24.6	49	*	70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	40.5	81		52	138
Q3741-04RE	B50-SP9-112425RE	1,2-Dichloroethane-d4	50	52.6	105		63	155
		Dibromofluoromethane	50	42.3	85		70	134
		Toluene-d8	50	49.1	98		74	123
		4-Bromofluorobenzene	50	24.8	49	*	52	138
Q3741-05	B50-SP11-112525	1,2-Dichloroethane-d4	50	53.0	106		63	155
		Dibromofluoromethane	50	31.3	63	*	70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	35.5	71		52	138
Q3741-05RE	B50-SP11-112525RE	1,2-Dichloroethane-d4	50	60.1	120		63	155
		Dibromofluoromethane	50	29.5	59	*	70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
Q3741-06	B50-SP4-112525	1,2-Dichloroethane-d4	50	39.7	79		63	155
		Dibromofluoromethane	50	16.1	32	*	70	134
		Toluene-d8	50	46.9	94		74	123
		4-Bromofluorobenzene	50	34.1	68		52	138
Q3741-06RE	B50-SP4-112525RE	1,2-Dichloroethane-d4	50	45.1	90		63	155
		Dibromofluoromethane	50	35.2	70		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	32.5	65		52	138
VY1201SBL01	VY1201SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.5	99		74	123
		4-Bromofluorobenzene	50	42.2	84		52	138
VY1201SBS01	VY1201SBS01	1,2-Dichloroethane-d4	50	47.7	95		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.2	98		52	138
VY1201SBSD01	VY1201SBSD01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	50.0	100		74	123
		4-Bromofluorobenzene	50	48.3	97		52	138
VY1202SBL01	VY1202SBL01	1,2-Dichloroethane-d4	50	62.7	125		63	155
		Dibromofluoromethane	50	54.2	108		70	134

Surrogate Summary

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VY1202SBL01	VY1202SBL01	Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	45.9	92		52	138
VY1202SBS01	VY1202SBS01	1,2-Dichloroethane-d4	50	47.9	96		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	47.9	96		74	123
		4-Bromofluorobenzene	50	47.1	94		52	138

A

B

C

D

E

F

G

Surrogate Summary

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-07	TB-1	1,2-Dichloroethane-d4	50	54.3	109		74	125
		Dibromofluoromethane	50	51.6	103		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VN1201WBL01	VN1201WBL01	1,2-Dichloroethane-d4	50	57.8	116		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	52.4	105		77	121
VN1201WBS01	VN1201WBS01	1,2-Dichloroethane-d4	50	56.0	112		74	125
		Dibromofluoromethane	50	55.1	110		75	124
		Toluene-d8	50	54.9	110		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
VN1201WBSD0	VN1201WBSD01	1,2-Dichloroethane-d4	50	52.2	104		74	125
		Dibromofluoromethane	50	52.3	105		75	124
		Toluene-d8	50	53.2	106		86	113
		4-Bromofluorobenzene	50	51.1	102		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Core Environmental Consultants and</u>	Datafile :	<u>VN088373.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	Dichlorodifluoromethane	20	18.2	ug/L	91			69	116	
	Chloromethane	20	19.4	ug/L	97			65	116	
	Vinyl chloride	20	18.9	ug/L	95			65	117	
	Bromomethane	20	19.7	ug/L	99			58	125	
	Chloroethane	20	19.5	ug/L	98			56	128	
	Trichlorofluoromethane	20	18.6	ug/L	93			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	1,1-Dichloroethene	20	19.0	ug/L	95			74	110	
	Acetone	100	87.9	ug/L	88			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			78	114	
	Methyl Acetate	20	19.1	ug/L	96			57	150	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	19.6	ug/L	98			75	108	
	1,1-Dichloroethane	20	19.8	ug/L	99			78	112	
	Cyclohexane	20	17.9	ug/L	90			75	110	
	2-Butanone	100	96.0	ug/L	96			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	17.1	ug/L	86			72	115	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	18.8	ug/L	94			77	113	
	1,2-Dichloropropane	20	19.8	ug/L	99			83	111	
	Bromodichloromethane	20	19.5	ug/L	98			83	110	
	4-Methyl-2-Pentanone	100	98.3	ug/L	98			74	118	
	Toluene	20	19.5	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	20.2	ug/L	101			83	112	
	2-Hexanone	100	93.5	ug/L	94			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	17.9	ug/L	90			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	18.6	ug/L	93			83	109	
	m/p-Xylenes	40	37.0	ug/L	93			82	110	
	o-Xylene	20	18.3	ug/L	92			83	109	
	Styrene	20	19.6	ug/L	98			80	111	
	Bromoform	20	20.0	ug/L	100			79	109	
	Isopropylbenzene	20	18.6	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/L	101			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260-Low
Client: Core Environmental Consultants and **Datafile :** VN088373.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/L	91			68	112	
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93			75	113	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Core Environmental Consultants and</u>	Datafile :	<u>VN088374.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	Dichlorodifluoromethane	20	18.9	ug/L	95	4		69	116	19
	Chloromethane	20	19.4	ug/L	97	0		65	116	21
	Vinyl chloride	20	18.7	ug/L	94	1		65	117	19
	Bromomethane	20	20.2	ug/L	101	2		58	125	30
	Chloroethane	20	19.3	ug/L	97	1		56	128	20
	Trichlorofluoromethane	20	18.7	ug/L	94	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	0		80	112	20
	1,1-Dichloroethene	20	18.8	ug/L	94	1		74	110	20
	Acetone	100	87.0	ug/L	87	1		60	125	27
	Carbon disulfide	20	18.8	ug/L	94	3		64	112	17
	Methyl tert-butyl Ether	20	19.4	ug/L	97	3		78	114	20
	Methyl Acetate	20	19.0	ug/L	95	1		57	150	20
	Methylene Chloride	20	20.2	ug/L	101	1		72	114	20
	trans-1,2-Dichloroethene	20	19.6	ug/L	98	0		75	108	16
	1,1-Dichloroethane	20	19.1	ug/L	96	3		78	112	20
	Cyclohexane	20	18.5	ug/L	93	3		75	110	20
	2-Butanone	100	96.2	ug/L	96	0		65	122	26
	Carbon Tetrachloride	20	18.8	ug/L	94	2		77	113	15
	cis-1,2-Dichloroethene	20	19.4	ug/L	97	4		77	110	20
	Bromochloromethane	20	18.5	ug/L	93	4		70	124	20
	Chloroform	20	19.6	ug/L	98	4		79	113	20
	1,1,1-Trichloroethane	20	19.0	ug/L	95	1		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	8		72	115	20
	Benzene	20	19.1	ug/L	96	1		82	109	15
	1,2-Dichloroethane	20	19.4	ug/L	97	1		80	115	20
	Trichloroethene	20	19.1	ug/L	96	2		77	113	15
	1,2-Dichloropropane	20	19.2	ug/L	96	3		83	111	21
	Bromodichloromethane	20	19.3	ug/L	97	1		83	110	21
	4-Methyl-2-Pentanone	100	98.5	ug/L	99	1		74	118	25
	Toluene	20	19.8	ug/L	99	1		82	110	16
	t-1,3-Dichloropropene	20	19.1	ug/L	96	4		79	110	20
	cis-1,3-Dichloropropene	20	19.5	ug/L	98	3		82	110	16
	1,1,2-Trichloroethane	20	20.0	ug/L	100	1		83	112	20
	2-Hexanone	100	94.4	ug/L	94	0		73	117	25
	Dibromochloromethane	20	20.3	ug/L	102	1		82	110	20
	1,2-Dibromoethane	20	19.9	ug/L	100	3		81	110	20
	Tetrachloroethene	20	19.0	ug/L	95	5		67	123	15
	Chlorobenzene	20	19.8	ug/L	99	1		82	109	15
	Ethyl Benzene	20	18.9	ug/L	95	2		83	109	16
	m/p-Xylenes	40	37.8	ug/L	95	2		82	110	20
	o-Xylene	20	19.2	ug/L	96	4		83	109	20
	Styrene	20	19.4	ug/L	97	1		80	111	17
	Bromoform	20	20.1	ug/L	101	1		79	109	20
	Isopropylbenzene	20	19.3	ug/L	97	4		83	112	22
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	3		76	118	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	3		82	108	20
	1,4-Dichlorobenzene	20	19.0	ug/L	95	2		82	107	20
	1,2-Dichlorobenzene	20	19.0	ug/L	95	2		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260-Low
Client: Core Environmental Consultants and **Datafile :** VN088374.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1201WBSD01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	2		68	112	26
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90	3		75	113	21
	1,2,3-Trichlorobenzene	20	19.1	ug/L	96	4		76	114	22

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Core Environmental Consultants and</u>	Datafile :	<u>VY023831.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	Dichlorodifluoromethane	20	22.3	ug/Kg	112			64	136	
	Chloromethane	20	18.5	ug/Kg	93			73	129	
	Vinyl chloride	20	19.8	ug/Kg	99			73	133	
	Bromomethane	20	19.4	ug/Kg	97			77	137	
	Chloroethane	20	20.4	ug/Kg	102			69	130	
	Trichlorofluoromethane	20	21.9	ug/Kg	110			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115			81	123	
	1,1-Dichloroethene	20	21.2	ug/Kg	106			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	18.1	ug/Kg	91			73	125	
	Methyl tert-butyl Ether	20	20.6	ug/Kg	103			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			51	140	
	Methylene Chloride	20	18.8	ug/Kg	94			54	158	
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106			80	123	
	1,1-Dichloroethane	20	21.7	ug/Kg	109			82	123	
	Cyclohexane	20	21.0	ug/Kg	105			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	21.0	ug/Kg	105			82	123	
	Bromochloromethane	20	19.2	ug/Kg	96			80	127	
	Chloroform	20	22.0	ug/Kg	110			82	125	
	1,1,1-Trichloroethane	20	22.3	ug/Kg	112			80	126	
	Methylcyclohexane	20	22.0	ug/Kg	110			77	123	
	Benzene	20	22.0	ug/Kg	110			84	121	
	1,2-Dichloroethane	20	22.3	ug/Kg	112			81	126	
	Trichloroethene	20	22.6	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	22.6	ug/Kg	113			83	122	
	Bromodichloromethane	20	22.2	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	22.5	ug/Kg	113			83	122	
	t-1,3-Dichloropropene	20	21.4	ug/Kg	107			78	124	
	cis-1,3-Dichloropropene	20	22.0	ug/Kg	110			81	122	
	1,1,2-Trichloroethane	20	22.0	ug/Kg	110			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	22.0	ug/Kg	110			79	125	
	1,2-Dibromoethane	20	21.2	ug/Kg	106			80	125	
	Tetrachloroethene	20	23.3	ug/Kg	117			83	125	
	Chlorobenzene	20	22.6	ug/Kg	113			84	122	
	Ethyl Benzene	20	22.9	ug/Kg	115			82	124	
	m/p-Xylenes	40	46.2	ug/Kg	116			83	124	
	o-Xylene	20	22.5	ug/Kg	113			83	123	
	Styrene	20	22.7	ug/Kg	114			82	124	
	Bromoform	20	21.9	ug/Kg	110			75	127	
	Isopropylbenzene	20	22.6	ug/Kg	113			82	124	
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	21.6	ug/Kg	108			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.9	ug/Kg	110			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 **Analytical Method:** SW8260D
Client: Core Environmental Consultants and **Datafile :** VY023831.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.8	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.2	ug/Kg	106			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3741	Analytical Method:	SW8260D
Client:	Core Environmental Consultants and	Datafile :	VY023832.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	Dichlorodifluoromethane	20	22.3	ug/Kg	112	0		64	136	20
	Chloromethane	20	18.7	ug/Kg	94	1		73	129	15
	Vinyl chloride	20	19.8	ug/Kg	99	0		73	133	15
	Bromomethane	20	19.4	ug/Kg	97	0		77	137	15
	Chloroethane	20	20.2	ug/Kg	101	1		69	130	15
	Trichlorofluoromethane	20	21.9	ug/Kg	110	0		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	23.1	ug/Kg	116	1		81	123	20
	1,1-Dichloroethene	20	21.4	ug/Kg	107	1		79	121	16
	Acetone	100	130	ug/Kg	130	8		60	174	28
	Carbon disulfide	20	18.0	ug/Kg	90	1		73	125	15
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109	6		77	129	20
	Methyl Acetate	20	20.3	ug/Kg	102	10		51	140	30
	Methylene Chloride	20	19.2	ug/Kg	96	2		54	158	20
	trans-1,2-Dichloroethene	20	21.3	ug/Kg	106	0		80	123	15
	1,1-Dichloroethane	20	22.0	ug/Kg	110	1		82	123	15
	Cyclohexane	20	21.3	ug/Kg	106	1		76	122	15
	2-Butanone	100	120	ug/Kg	120	9		69	131	29
	Carbon Tetrachloride	20	22.3	ug/Kg	112	4		76	129	15
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108	3		82	123	15
	Bromochloromethane	20	19.5	ug/Kg	98	2		80	127	15
	Chloroform	20	22.1	ug/Kg	111	1		82	125	15
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113	1		80	126	15
	Methylcyclohexane	20	21.8	ug/Kg	109	1		77	123	15
	Benzene	20	21.8	ug/Kg	109	1		84	121	15
	1,2-Dichloroethane	20	22.5	ug/Kg	113	1		81	126	15
	Trichloroethene	20	22.3	ug/Kg	112	1		83	122	15
	1,2-Dichloropropane	20	22.7	ug/Kg	114	1		83	122	15
	Bromodichloromethane	20	22.4	ug/Kg	112	1		82	123	15
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	26
	Toluene	20	22.4	ug/Kg	112	1		83	122	15
	t-1,3-Dichloropropene	20	21.8	ug/Kg	109	2		78	124	15
	cis-1,3-Dichloropropene	20	21.8	ug/Kg	109	1		81	122	15
	1,1,2-Trichloroethane	20	23.0	ug/Kg	115	4		82	125	15
	2-Hexanone	100	120	ug/Kg	120	9		66	138	27
	Dibromochloromethane	20	22.4	ug/Kg	112	2		79	125	15
	1,2-Dibromoethane	20	22.1	ug/Kg	111	5		80	125	16
	Tetrachloroethene	20	23.1	ug/Kg	116	1		83	125	15
	Chlorobenzene	20	22.2	ug/Kg	111	2		84	122	15
	Ethyl Benzene	20	22.6	ug/Kg	113	2		82	124	15
	m/p-Xylenes	40	45.5	ug/Kg	114	2		83	124	15
	o-Xylene	20	22.3	ug/Kg	112	1		83	123	15
	Styrene	20	22.7	ug/Kg	114	0		82	124	15
	Bromoform	20	22.2	ug/Kg	111	1		75	127	16
	Isopropylbenzene	20	22.7	ug/Kg	114	1		82	124	15
	1,1,2,2-Tetrachloroethane	20	22.6	ug/Kg	113	8		77	127	21
	1,3-Dichlorobenzene	20	22.3	ug/Kg	112	4		83	122	15
	1,4-Dichlorobenzene	20	21.9	ug/Kg	110	2		84	121	15
	1,2-Dichlorobenzene	20	22.5	ug/Kg	113	3		83	124	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 Analytical Method: SW8260D
Client: Core Environmental Consultants and Datafile : VY023832.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1201SBSD01	1,2-Dibromo-3-Chloropropane	20	21.8	ug/Kg	109	11		66	134	20
	1,2,4-Trichlorobenzene	20	21.7	ug/Kg	109	5		78	127	20
	1,2,3-Trichlorobenzene	20	22.2	ug/Kg	111	5		70	137	16

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Core Environmental Consultants and</u>	Datafile :	<u>VY023851.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1202SBS01	Dichlorodifluoromethane	20	21.7	ug/Kg	109			64	136	
	Chloromethane	20	18.4	ug/Kg	92			73	129	
	Vinyl chloride	20	19.2	ug/Kg	96			73	133	
	Bromomethane	20	20.3	ug/Kg	102			77	137	
	Chloroethane	20	20.1	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	21.3	ug/Kg	106			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	130	ug/Kg	130			60	174	
	Carbon disulfide	20	17.4	ug/Kg	87			73	125	
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104			77	129	
	Methyl Acetate	20	19.4	ug/Kg	97			51	140	
	Methylene Chloride	20	19.4	ug/Kg	97			54	158	
	trans-1,2-Dichloroethene	20	19.9	ug/Kg	100			80	123	
	1,1-Dichloroethane	20	21.2	ug/Kg	106			82	123	
	Cyclohexane	20	20.3	ug/Kg	102			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	21.8	ug/Kg	109			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	18.9	ug/Kg	95			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.5	ug/Kg	103			77	123	
	Benzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	21.6	ug/Kg	108			83	122	
	1,2-Dichloropropane	20	21.9	ug/Kg	110			83	122	
	Bromodichloromethane	20	21.9	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			70	135	
	Toluene	20	21.6	ug/Kg	108			83	122	
	t-1,3-Dichloropropene	20	20.9	ug/Kg	104			78	124	
	cis-1,3-Dichloropropene	20	21.4	ug/Kg	107			81	122	
	1,1,2-Trichloroethane	20	22.1	ug/Kg	111			82	125	
	2-Hexanone	100	120	ug/Kg	120			66	138	
	Dibromochloromethane	20	21.8	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	21.3	ug/Kg	106			80	125	
	Tetrachloroethene	20	22.1	ug/Kg	111			83	125	
	Chlorobenzene	20	21.3	ug/Kg	106			84	122	
	Ethyl Benzene	20	21.4	ug/Kg	107			82	124	
	m/p-Xylenes	40	43.4	ug/Kg	109			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.4	ug/Kg	107			82	124	
	Bromoform	20	21.6	ug/Kg	108			75	127	
	Isopropylbenzene	20	21.4	ug/Kg	107			82	124	
	1,1,2,2-Tetrachloroethane	20	21.5	ug/Kg	108			77	127	
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105			83	122	
	1,4-Dichlorobenzene	20	21.1	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741 Analytical Method: SW8260D
Client: Core Environmental Consultants and Datafile : VY023851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1202SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	20.1	ug/Kg	101			70	137	

VOLATILE METHOD BLANK SUMMARY

Client ID

VN1201WBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088372.D

Lab Sample ID: VN1201WBL01

Date Analyzed: 12/01/2025

Time Analyzed: 10:53

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025
TB-1	Q3741-07	VN088376.D	12/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1201SBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023830.D

Lab Sample ID: VY1201SBL01

Date Analyzed: 12/01/2025

Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025
B50-SP13-112025	Q3741-02	VY023837.D	12/01/2025
B50-SP14-112025	Q3741-03	VY023838.D	12/01/2025
B50-SP9-112425	Q3741-04	VY023839.D	12/01/2025
B50-SP11-112525	Q3741-05	VY023840.D	12/01/2025
B50-SP3-111925	Q3741-01	VY023841.D	12/01/2025
B50-SP4-112525	Q3741-06	VY023842.D	12/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1202SBL01

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023850.D

Lab Sample ID: VY1202SBL01

Date Analyzed: 12/02/2025

Time Analyzed: 10:24

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025
B50-SP9-112425RE	Q3741-04RE	VY023855.D	12/02/2025
B50-SP11-112525RE	Q3741-05RE	VY023856.D	12/02/2025
B50-SP4-112525RE	Q3741-06RE	VY023857.D	12/02/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088343.D

BFB Injection Date: 11/24/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:17

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.8
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	68.3 (96.4) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN088344.D	11/24/2025	12:38
VSTDIC005	VSTDIC005	VN088345.D	11/24/2025	13:11
VSTDIC020	VSTDIC020	VN088346.D	11/24/2025	13:32
VSTDIC050	VSTDIC050	VN088347.D	11/24/2025	13:53
VSTDIC100	VSTDIC100	VN088348.D	11/24/2025	14:14
VSTDIC150	VSTDIC150	VN088349.D	11/24/2025	14:35

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VN088369.D

BFB Injection Date: 12/01/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:49

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.9
75	30.0 - 60.0% of mass 95	59.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.7 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (97.1) 1
177	5.0 - 9.0% of mass 176	5.2 (7.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088370.D	12/01/2025	09:58
VN1201WBL01	VN1201WBL01	VN088372.D	12/01/2025	10:53
VN1201WBS01	VN1201WBS01	VN088373.D	12/01/2025	11:27
VN1201WBSD01	VN1201WBSD01	VN088374.D	12/01/2025	12:10
TB-1	Q3741-07	VN088376.D	12/01/2025	12:51

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023808.D

BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 07:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	87.3
175	5.0 - 9.0% of mass 174	6.4 (7.4) 1
176	95.0 - 101.0% of mass 174	83.8 (96) 1
177	5.0 - 9.0% of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY023809.D	11/26/2025	08:04
VSTDIC010	VSTDIC010	VY023810.D	11/26/2025	08:27
VSTDIC020	VSTDIC020	VY023811.D	11/26/2025	08:49
VSTDIC050	VSTDIC050	VY023812.D	11/26/2025	09:17
VSTDIC100	VSTDIC100	VY023813.D	11/26/2025	09:39
VSTDIC150	VSTDIC150	VY023814.D	11/26/2025	10:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VY023828.D
Instrument ID: MSVOA_Y
GC Column: RXI-624 ID: 0.25 (mm)

Contract: CORE02
SDG NO.: Q3741
BFB Injection Date: 12/01/2025
BFB Injection Time: 07:24
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	82.5
175	5.0 - 9.0% of mass 174	5.8 (7) 1
176	95.0 - 101.0% of mass 174	79.4 (96.3) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023829.D	12/01/2025	07:55
VY1201SBL01	VY1201SBL01	VY023830.D	12/01/2025	09:13
VY1201SBS01	VY1201SBS01	VY023831.D	12/01/2025	09:37
VY1201SBSD01	VY1201SBSD01	VY023832.D	12/01/2025	10:00
B50-SP13-112025	Q3741-02	VY023837.D	12/01/2025	12:49
B50-SP14-112025	Q3741-03	VY023838.D	12/01/2025	13:12
B50-SP9-112425	Q3741-04	VY023839.D	12/01/2025	13:36
B50-SP11-112525	Q3741-05	VY023840.D	12/01/2025	13:59
B50-SP3-111925	Q3741-01	VY023841.D	12/01/2025	14:23
B50-SP4-112525	Q3741-06	VY023842.D	12/01/2025	14:46

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: VY023848.D

BFB Injection Date: 12/02/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 06:50

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1 (1.1) 1
174	50.0 - 100.0% of mass 95	89.4
175	5.0 - 9.0% of mass 174	6.9 (7.7) 1
176	95.0 - 101.0% of mass 174	85.2 (95.2) 1
177	5.0 - 9.0% of mass 176	5.7 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023849.D	12/02/2025	09:14
VY1202SBL01	VY1202SBL01	VY023850.D	12/02/2025	10:24
VY1202SBS01	VY1202SBS01	VY023851.D	12/02/2025	10:53
B50-SP9-112425RE	Q3741-04RE	VY023855.D	12/02/2025	12:55
B50-SP11-112525RE	Q3741-05RE	VY023856.D	12/02/2025	13:18
B50-SP4-112525RE	Q3741-06RE	VY023857.D	12/02/2025	13:42

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VN088370.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_N Time Analyzed: 09:58
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	262500	8.20	457607	9.08	408098	11.84
UPPER LIMIT	525000	8.7	915214	9.582	816196	12.341
LOWER LIMIT	131250	7.7	228804	8.582	204049	11.341
EPA SAMPLE NO.						
TB-1	190816	8.21	417130	9.08	399475	11.84
VN1201WBL01	188076	8.20	435319	9.08	418422	11.84
VN1201WBS01	256678	8.21	487472	9.08	435019	11.84
VN1201WBSD01	257123	8.21	472668	9.08	413438	11.84

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VN088370.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_N Time Analyzed: 09:58
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	197460	13.765				
UPPER LIMIT	394920	14.265				
LOWER LIMIT	98730	13.265				
EPA SAMPLE NO.						
TB-1	192688	13.77				
VN1201WBL01	198799	13.77				
VN1201WBS01	207303	13.77				
VN1201WBSD01	196888	13.77				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VY023829.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_Y Time Analyzed: 07:55
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	565841	7.71	855261	8.62	736930	11.42
UPPER LIMIT	1131680	8.213	1710520	9.122	1473860	11.92
LOWER LIMIT	282921	7.213	427631	8.122	368465	10.92
EPA SAMPLE NO.						
B50-SP3-111925	649881	7.71	1225707	8.62	1028801	11.42
B50-SP13-112025	654972	7.71	1210700	8.62	990068	11.42
B50-SP14-112025	548000	7.71	1005981	8.62	813032	11.42
B50-SP9-112425	491424	7.71	929861	8.62	778289	11.42
B50-SP11-112525	153282 *	7.71	237639 *	8.62	180054 *	11.42
B50-SP4-112525	27791 *	7.71	36476 *	8.62	25342 *	11.42
VY1201SBL01	719047	7.71	1221329	8.62	995220	11.42
VY1201SBS01	535284	7.71	821167	8.62	693280	11.42
VY1201SBSD01	526036	7.71	818117	8.62	695554	11.42

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VY023829.D Date Analyzed: 12/01/2025
Instrument ID: MSVOA_Y Time Analyzed: 07:55
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	375940	13.352				
UPPER LIMIT	751880	13.852				
LOWER LIMIT	187970	12.852				
EPA SAMPLE NO.						
B50-SP3-111925	402778	13.35				
B50-SP13-112025	344338	13.35				
B50-SP14-112025	286147	13.35				
B50-SP9-112425	274066	13.35				
B50-SP11-112525	60548 *	13.35				
B50-SP4-112525	6298 *	13.35				
VY1201SBL01	399677	13.35				
VY1201SBS01	360194	13.35				
VY1201SBSD01	353062	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG NO.: Q3741
Lab File ID: VY023849.D Date Analyzed: 12/02/2025
Instrument ID: MSVOA_Y Time Analyzed: 09:14
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	504446	7.72	785836	8.62	674684	11.42
UPPER LIMIT	1008890	8.22	1571670	9.122	1349370	11.92
LOWER LIMIT	252223	7.22	392918	8.122	337342	10.92
EPA SAMPLE NO.						
B50-SP9-112425RE	25955 *	7.72	35095 *	8.62	25851 *	11.42
B50-SP11-112525RE	438040	7.71	779211	8.62	643605	11.42
B50-SP4-112525RE	84156 *	7.72	112665 *	8.62	83728 *	11.42
VY1202SBL01	690111	7.71	1278486	8.62	1125521	11.42
VY1202SBS01	491473	7.71	764018	8.62	662350	11.42

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02
 Lab Code: ACE SDG NO.: Q3741
 Lab File ID: VY023849.D Date Analyzed: 12/02/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:14
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	345634	13.353				
UPPER LIMIT	691268	13.853				
LOWER LIMIT	172817	12.853				
EPA SAMPLE NO.						
B50-SP9-112425RE	4746 *	13.35				
B50-SP11-112525RE	232370	13.35				
B50-SP4-112525RE	24679 *	13.35				
VY1202SBL01	454228	13.35				
VY1202SBS01	339534	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBL01
Lab Sample ID: VN1201WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 10:53	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 10:53	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 10:53	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 10:53	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 10:53	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 10:53	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	12/01/25 10:53	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 10:53	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 10:53	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 10:53	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 10:53	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 10:53	VN120125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	12/01/25 10:53	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 10:53	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 10:53	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 10:53	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 10:53	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 10:53	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	12/01/25 10:53	VN120125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	12/01/25 10:53	VN120125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 10:53	VN120125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBL01
Lab Sample ID: VN1201WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 10:53	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 10:53	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 10:53	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 10:53	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 10:53	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 10:53	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.8		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		77 - 121	105%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	188000
540-36-3	1,4-Difluorobenzene	435000
3114-55-4	Chlorobenzene-d5	418000
3855-82-1	1,4-Dichlorobenzene-d4	199000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/01/25 09:13	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/01/25 09:13	VY120125
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/01/25 09:13	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/01/25 09:13	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/01/25 09:13	VY120125
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/01/25 09:13	VY120125
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/01/25 09:13	VY120125
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/01/25 09:13	VY120125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/01/25 09:13	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/01/25 09:13	VY120125
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/01/25 09:13	VY120125
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/01/25 09:13	VY120125
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/01/25 09:13	VY120125
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/01/25 09:13	VY120125
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/01/25 09:13	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/01/25 09:13	VY120125
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/01/25 09:13	VY120125
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/01/25 09:13	VY120125
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/01/25 09:13	VY120125
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/01/25 09:13	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/01/25 09:13	VY120125
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/01/25 09:13	VY120125
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/01/25 09:13	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/01/25 09:13	VY120125
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/01/25 09:13	VY120125
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/01/25 09:13	VY120125
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/01/25 09:13	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBL01
Lab Sample ID: VY1201SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/01/25 09:13	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/01/25 09:13	VY120125
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/01/25 09:13	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/01/25 09:13	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/01/25 09:13	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/01/25 09:13	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/01/25 09:13	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/01/25 09:13	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.3			63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0			70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.5			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	719000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	995000
3855-82-1	1,4-Dichlorobenzene-d4	400000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBL01
Lab Sample ID: VY1202SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/02/25 10:24	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/02/25 10:24	VY120225
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/02/25 10:24	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/02/25 10:24	VY120225
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/02/25 10:24	VY120225
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/02/25 10:24	VY120225
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/02/25 10:24	VY120225
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/02/25 10:24	VY120225
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/02/25 10:24	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/02/25 10:24	VY120225
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/02/25 10:24	VY120225
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/02/25 10:24	VY120225
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/02/25 10:24	VY120225
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/02/25 10:24	VY120225
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/02/25 10:24	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/02/25 10:24	VY120225
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/02/25 10:24	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/02/25 10:24	VY120225
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/02/25 10:24	VY120225
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/02/25 10:24	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/02/25 10:24	VY120225
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/02/25 10:24	VY120225
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/02/25 10:24	VY120225
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/02/25 10:24	VY120225
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/02/25 10:24	VY120225
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/02/25 10:24	VY120225
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/02/25 10:24	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBL01
Lab Sample ID: VY1202SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/02/25 10:24	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/02/25 10:24	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/02/25 10:24	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/02/25 10:24	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/02/25 10:24	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/02/25 10:24	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/02/25 10:24	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/02/25 10:24	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.7			63 - 155	125%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	50.7			74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9			52 - 138	92%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	690000
540-36-3	1,4-Difluorobenzene	1280000
3114-55-4	Chlorobenzene-d5	1130000
3855-82-1	1,4-Dichlorobenzene-d4	454000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBS01
Lab Sample ID: VN1201WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.2		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 11:27	VN120125
75-01-4	Vinyl Chloride	18.9		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
74-83-9	Bromomethane	19.7		1	1.40	5.00	ug/L	12/01/25 11:27	VN120125
75-00-3	Chloroethane	19.5		1	0.47	1.00	ug/L	12/01/25 11:27	VN120125
75-69-4	Trichlorofluoromethane	18.6		1	0.33	1.00	ug/L	12/01/25 11:27	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
75-35-4	1,1-Dichloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
67-64-1	Acetone	87.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
75-15-0	Carbon Disulfide	19.4		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
1634-04-4	Methyl tert-butyl Ether	19.9		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-20-9	Methyl Acetate	19.1		1	0.27	1.00	ug/L	12/01/25 11:27	VN120125
75-09-2	Methylene Chloride	20.0		1	0.28	1.00	ug/L	12/01/25 11:27	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
110-82-7	Cyclohexane	17.9		1	1.50	5.00	ug/L	12/01/25 11:27	VN120125
78-93-3	2-Butanone	96.0		1	0.98	5.00	ug/L	12/01/25 11:27	VN120125
56-23-5	Carbon Tetrachloride	18.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
67-66-3	Chloroform	20.3		1	0.25	1.00	ug/L	12/01/25 11:27	VN120125
71-55-6	1,1,1-Trichloroethane	18.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
108-87-2	Methylcyclohexane	17.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
71-43-2	Benzene	19.4		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
107-06-2	1,2-Dichloroethane	19.6		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
79-01-6	Trichloroethene	18.8		1	0.090	1.00	ug/L	12/01/25 11:27	VN120125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
75-27-4	Bromodichloromethane	19.5		1	0.22	1.00	ug/L	12/01/25 11:27	VN120125
108-10-1	4-Methyl-2-Pentanone	98.3		1	0.68	5.00	ug/L	12/01/25 11:27	VN120125
108-88-3	Toluene	19.5		1	0.14	1.00	ug/L	12/01/25 11:27	VN120125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.17	1.00	ug/L	12/01/25 11:27	VN120125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.21	1.00	ug/L	12/01/25 11:27	VN120125
591-78-6	2-Hexanone	93.5		1	0.89	5.00	ug/L	12/01/25 11:27	VN120125
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	12/01/25 11:27	VN120125
106-93-4	1,2-Dibromoethane	20.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
127-18-4	Tetrachloroethene	17.9		1	0.23	1.00	ug/L	12/01/25 11:27	VN120125
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-41-4	Ethyl Benzene	18.6		1	0.13	1.00	ug/L	12/01/25 11:27	VN120125
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	12/01/25 11:27	VN120125
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	12/01/25 11:27	VN120125
75-25-2	Bromoform	20.0		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBS01
Lab Sample ID: VN1201WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.6		1	0.12	1.00	ug/L	12/01/25 11:27	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1	0.26	1.00	ug/L	12/01/25 11:27	VN120125
541-73-1	1,3-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
106-46-7	1,4-Dichlorobenzene	18.5		1	0.19	1.00	ug/L	12/01/25 11:27	VN120125
95-50-1	1,2-Dichlorobenzene	19.4		1	0.16	1.00	ug/L	12/01/25 11:27	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1	0.53	1.00	ug/L	12/01/25 11:27	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.5		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125
87-61-6	1,2,3-Trichlorobenzene	18.3		1	0.20	1.00	ug/L	12/01/25 11:27	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.0			74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1			75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	54.9			86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3			77 - 121	107%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	487000
3114-55-4	Chlorobenzene-d5	435000
3855-82-1	1,4-Dichlorobenzene-d4	207000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
74-87-3	Chloromethane	18.5		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-00-3	Chloroethane	20.4		1	1.30	5.00	ug/Kg	12/01/25 09:37	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
75-35-4	1,1-Dichloroethene	21.2		1	1.00	5.00	ug/Kg	12/01/25 09:37	VY120125
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	12/01/25 09:37	VY120125
75-15-0	Carbon Disulfide	18.1		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
1634-04-4	Methyl tert-butyl Ether	20.6		1	0.73	5.00	ug/Kg	12/01/25 09:37	VY120125
79-20-9	Methyl Acetate	18.4		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
75-09-2	Methylene Chloride	18.8		1	3.50	10.0	ug/Kg	12/01/25 09:37	VY120125
156-60-5	trans-1,2-Dichloroethene	21.1		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125
75-34-3	1,1-Dichloroethane	21.7		1	0.80	5.00	ug/Kg	12/01/25 09:37	VY120125
110-82-7	Cyclohexane	21.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	12/01/25 09:37	VY120125
56-23-5	Carbon Tetrachloride	23.1		1	0.97	5.00	ug/Kg	12/01/25 09:37	VY120125
156-59-2	cis-1,2-Dichloroethene	21.0		1	0.75	5.00	ug/Kg	12/01/25 09:37	VY120125
74-97-5	Bromochloromethane	19.2		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
67-66-3	Chloroform	22.0		1	0.84	5.00	ug/Kg	12/01/25 09:37	VY120125
71-55-6	1,1,1-Trichloroethane	22.3		1	0.93	5.00	ug/Kg	12/01/25 09:37	VY120125
108-87-2	Methylcyclohexane	22.0		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
71-43-2	Benzene	22.0		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
107-06-2	1,2-Dichloroethane	22.3		1	0.79	5.00	ug/Kg	12/01/25 09:37	VY120125
79-01-6	Trichloroethene	22.6		1	0.81	5.00	ug/Kg	12/01/25 09:37	VY120125
78-87-5	1,2-Dichloropropane	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
75-27-4	Bromodichloromethane	22.2		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 09:37	VY120125
108-88-3	Toluene	22.5		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-02-6	t-1,3-Dichloropropene	21.4		1	0.65	5.00	ug/Kg	12/01/25 09:37	VY120125
10061-01-5	cis-1,3-Dichloropropene	22.0		1	0.62	5.00	ug/Kg	12/01/25 09:37	VY120125
79-00-5	1,1,2-Trichloroethane	22.0		1	0.92	5.00	ug/Kg	12/01/25 09:37	VY120125
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/01/25 09:37	VY120125
124-48-1	Dibromochloromethane	22.0		1	0.87	5.00	ug/Kg	12/01/25 09:37	VY120125
106-93-4	1,2-Dibromoethane	21.2		1	0.88	5.00	ug/Kg	12/01/25 09:37	VY120125
127-18-4	Tetrachloroethene	23.3		1	1.10	5.00	ug/Kg	12/01/25 09:37	VY120125
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	12/01/25 09:37	VY120125
100-41-4	Ethyl Benzene	22.9		1	0.67	5.00	ug/Kg	12/01/25 09:37	VY120125
179601-23-1	m/p-Xylenes	46.2		1	1.20	10.0	ug/Kg	12/01/25 09:37	VY120125
95-47-6	o-Xylene	22.5		1	0.82	5.00	ug/Kg	12/01/25 09:37	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 09:37	VY120125
75-25-2	Bromoform	21.9		1	0.86	5.00	ug/Kg	12/01/25 09:37	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBS01
Lab Sample ID: VY1201SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.6		1	0.78	5.00	ug/Kg	12/01/25 09:37	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1	1.20	5.00	ug/Kg	12/01/25 09:37	VY120125
541-73-1	1,3-Dichlorobenzene	21.6		1	1.70	5.00	ug/Kg	12/01/25 09:37	VY120125
106-46-7	1,4-Dichlorobenzene	21.6		1	1.60	5.00	ug/Kg	12/01/25 09:37	VY120125
95-50-1	1,2-Dichlorobenzene	21.9		1	1.50	5.00	ug/Kg	12/01/25 09:37	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1	1.80	5.00	ug/Kg	12/01/25 09:37	VY120125
120-82-1	1,2,4-Trichlorobenzene	20.8		1	3.00	5.00	ug/Kg	12/01/25 09:37	VY120125
87-61-6	1,2,3-Trichlorobenzene	21.2		1	3.20	5.00	ug/Kg	12/01/25 09:37	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	47.7			63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2			52 - 138	98%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	535000
540-36-3	1,4-Difluorobenzene	821000
3114-55-4	Chlorobenzene-d5	693000
3855-82-1	1,4-Dichlorobenzene-d4	360000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBS01
Lab Sample ID: VY1202SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.7		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
74-87-3	Chloromethane	18.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
74-83-9	Bromomethane	20.3		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-00-3	Chloroethane	20.1		1	1.30	5.00	ug/Kg	12/02/25 10:53	VY120225
75-69-4	Trichlorofluoromethane	21.3		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-35-4	1,1-Dichloroethene	20.5		1	1.00	5.00	ug/Kg	12/02/25 10:53	VY120225
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/02/25 10:53	VY120225
75-15-0	Carbon Disulfide	17.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/02/25 10:53	VY120225
79-20-9	Methyl Acetate	19.4		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
75-09-2	Methylene Chloride	19.4		1	3.50	10.0	ug/Kg	12/02/25 10:53	VY120225
156-60-5	trans-1,2-Dichloroethene	19.9		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225
75-34-3	1,1-Dichloroethane	21.2		1	0.80	5.00	ug/Kg	12/02/25 10:53	VY120225
110-82-7	Cyclohexane	20.3		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/02/25 10:53	VY120225
56-23-5	Carbon Tetrachloride	21.8		1	0.97	5.00	ug/Kg	12/02/25 10:53	VY120225
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.75	5.00	ug/Kg	12/02/25 10:53	VY120225
74-97-5	Bromochloromethane	18.9		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	12/02/25 10:53	VY120225
71-55-6	1,1,1-Trichloroethane	21.5		1	0.93	5.00	ug/Kg	12/02/25 10:53	VY120225
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
79-01-6	Trichloroethene	21.6		1	0.81	5.00	ug/Kg	12/02/25 10:53	VY120225
78-87-5	1,2-Dichloropropane	21.9		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
75-27-4	Bromodichloromethane	21.9		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/02/25 10:53	VY120225
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.65	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-01-5	cis-1,3-Dichloropropene	21.4		1	0.62	5.00	ug/Kg	12/02/25 10:53	VY120225
79-00-5	1,1,2-Trichloroethane	22.1		1	0.92	5.00	ug/Kg	12/02/25 10:53	VY120225
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/02/25 10:53	VY120225
124-48-1	Dibromochloromethane	21.8		1	0.87	5.00	ug/Kg	12/02/25 10:53	VY120225
106-93-4	1,2-Dibromoethane	21.3		1	0.88	5.00	ug/Kg	12/02/25 10:53	VY120225
127-18-4	Tetrachloroethene	22.1		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
108-90-7	Chlorobenzene	21.3		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	12/02/25 10:53	VY120225
179601-23-1	m/p-Xylenes	43.4		1	1.20	10.0	ug/Kg	12/02/25 10:53	VY120225
95-47-6	o-Xylene	21.2		1	0.82	5.00	ug/Kg	12/02/25 10:53	VY120225
100-42-5	Styrene	21.4		1	0.71	5.00	ug/Kg	12/02/25 10:53	VY120225
75-25-2	Bromoform	21.6		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBS01
Lab Sample ID: VY1202SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.4		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
541-73-1	1,3-Dichlorobenzene	21.0		1	1.70	5.00	ug/Kg	12/02/25 10:53	VY120225
106-46-7	1,4-Dichlorobenzene	21.1		1	1.60	5.00	ug/Kg	12/02/25 10:53	VY120225
95-50-1	1,2-Dichlorobenzene	21.5		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	12/02/25 10:53	VY120225
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	12/02/25 10:53	VY120225
87-61-6	1,2,3-Trichlorobenzene	20.1		1	3.20	5.00	ug/Kg	12/02/25 10:53	VY120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.9			63 - 155	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 - 134	97%	SPK: 50		
2037-26-5	Toluene-d8	47.9			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			52 - 138	94%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	491000							
540-36-3	1,4-Difluorobenzene	764000							
3114-55-4	Chlorobenzene-d5	662000							
3855-82-1	1,4-Dichlorobenzene-d4	340000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBSD01
Lab Sample ID: VN1201WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.9		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	12/01/25 12:10	VN120125
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
74-83-9	Bromomethane	20.2		1	1.40	5.00	ug/L	12/01/25 12:10	VN120125
75-00-3	Chloroethane	19.3		1	0.47	1.00	ug/L	12/01/25 12:10	VN120125
75-69-4	Trichlorofluoromethane	18.7		1	0.33	1.00	ug/L	12/01/25 12:10	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
75-35-4	1,1-Dichloroethene	18.8		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
67-64-1	Acetone	87.0		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
75-15-0	Carbon Disulfide	18.8		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-20-9	Methyl Acetate	19.0		1	0.27	1.00	ug/L	12/01/25 12:10	VN120125
75-09-2	Methylene Chloride	20.2		1	0.28	1.00	ug/L	12/01/25 12:10	VN120125
156-60-5	trans-1,2-Dichloroethene	19.6		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
110-82-7	Cyclohexane	18.5		1	1.50	5.00	ug/L	12/01/25 12:10	VN120125
78-93-3	2-Butanone	96.2		1	0.98	5.00	ug/L	12/01/25 12:10	VN120125
56-23-5	Carbon Tetrachloride	18.8		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
156-59-2	cis-1,2-Dichloroethene	19.4		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
74-97-5	Bromochloromethane	18.5		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
67-66-3	Chloroform	19.6		1	0.25	1.00	ug/L	12/01/25 12:10	VN120125
71-55-6	1,1,1-Trichloroethane	19.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
108-87-2	Methylcyclohexane	18.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
107-06-2	1,2-Dichloroethane	19.4		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
79-01-6	Trichloroethene	19.1		1	0.090	1.00	ug/L	12/01/25 12:10	VN120125
78-87-5	1,2-Dichloropropane	19.2		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
75-27-4	Bromodichloromethane	19.3		1	0.22	1.00	ug/L	12/01/25 12:10	VN120125
108-10-1	4-Methyl-2-Pentanone	98.5		1	0.68	5.00	ug/L	12/01/25 12:10	VN120125
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	12/01/25 12:10	VN120125
10061-02-6	t-1,3-Dichloropropene	19.1		1	0.17	1.00	ug/L	12/01/25 12:10	VN120125
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
79-00-5	1,1,2-Trichloroethane	20.0		1	0.21	1.00	ug/L	12/01/25 12:10	VN120125
591-78-6	2-Hexanone	94.4		1	0.89	5.00	ug/L	12/01/25 12:10	VN120125
124-48-1	Dibromochloromethane	20.3		1	0.18	1.00	ug/L	12/01/25 12:10	VN120125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	12/01/25 12:10	VN120125
108-90-7	Chlorobenzene	19.8		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-41-4	Ethyl Benzene	18.9		1	0.13	1.00	ug/L	12/01/25 12:10	VN120125
179601-23-1	m/p-Xylenes	37.8		1	0.24	2.00	ug/L	12/01/25 12:10	VN120125
95-47-6	o-Xylene	19.2		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
100-42-5	Styrene	19.4		1	0.15	1.00	ug/L	12/01/25 12:10	VN120125
75-25-2	Bromoform	20.1		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VN1201WBSD01
Lab Sample ID: VN1201WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.3		1	0.12	1.00	ug/L	12/01/25 12:10	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	0.26	1.00	ug/L	12/01/25 12:10	VN120125
541-73-1	1,3-Dichlorobenzene	19.5		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
106-46-7	1,4-Dichlorobenzene	19.0		1	0.19	1.00	ug/L	12/01/25 12:10	VN120125
95-50-1	1,2-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	12/01/25 12:10	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	0.53	1.00	ug/L	12/01/25 12:10	VN120125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125
87-61-6	1,2,3-Trichlorobenzene	19.1		1	0.20	1.00	ug/L	12/01/25 12:10	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.2			74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3			75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	53.2			86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1			77 - 121	102%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	257000
540-36-3	1,4-Difluorobenzene	473000
3114-55-4	Chlorobenzene-d5	413000
3855-82-1	1,4-Dichlorobenzene-d4	197000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBSD01
Lab Sample ID: VY1201SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.3		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
74-87-3	Chloromethane	18.7		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-01-4	Vinyl Chloride	19.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
74-83-9	Bromomethane	19.4		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-00-3	Chloroethane	20.2		1	1.30	5.00	ug/Kg	12/01/25 10:00	VY120125
75-69-4	Trichlorofluoromethane	21.9		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
75-35-4	1,1-Dichloroethene	21.4		1	1.00	5.00	ug/Kg	12/01/25 10:00	VY120125
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/01/25 10:00	VY120125
75-15-0	Carbon Disulfide	18.0		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
1634-04-4	Methyl tert-butyl Ether	21.8		1	0.73	5.00	ug/Kg	12/01/25 10:00	VY120125
79-20-9	Methyl Acetate	20.3		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	12/01/25 10:00	VY120125
156-60-5	trans-1,2-Dichloroethene	21.3		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125
75-34-3	1,1-Dichloroethane	22.0		1	0.80	5.00	ug/Kg	12/01/25 10:00	VY120125
110-82-7	Cyclohexane	21.3		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/01/25 10:00	VY120125
56-23-5	Carbon Tetrachloride	22.3		1	0.97	5.00	ug/Kg	12/01/25 10:00	VY120125
156-59-2	cis-1,2-Dichloroethene	21.5		1	0.75	5.00	ug/Kg	12/01/25 10:00	VY120125
74-97-5	Bromochloromethane	19.5		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
67-66-3	Chloroform	22.1		1	0.84	5.00	ug/Kg	12/01/25 10:00	VY120125
71-55-6	1,1,1-Trichloroethane	22.5		1	0.93	5.00	ug/Kg	12/01/25 10:00	VY120125
108-87-2	Methylcyclohexane	21.8		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
71-43-2	Benzene	21.8		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
107-06-2	1,2-Dichloroethane	22.5		1	0.79	5.00	ug/Kg	12/01/25 10:00	VY120125
79-01-6	Trichloroethene	22.3		1	0.81	5.00	ug/Kg	12/01/25 10:00	VY120125
78-87-5	1,2-Dichloropropane	22.7		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
75-27-4	Bromodichloromethane	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/01/25 10:00	VY120125
108-88-3	Toluene	22.4		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-02-6	t-1,3-Dichloropropene	21.8		1	0.65	5.00	ug/Kg	12/01/25 10:00	VY120125
10061-01-5	cis-1,3-Dichloropropene	21.8		1	0.62	5.00	ug/Kg	12/01/25 10:00	VY120125
79-00-5	1,1,2-Trichloroethane	23.0		1	0.92	5.00	ug/Kg	12/01/25 10:00	VY120125
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/01/25 10:00	VY120125
124-48-1	Dibromochloromethane	22.4		1	0.87	5.00	ug/Kg	12/01/25 10:00	VY120125
106-93-4	1,2-Dibromoethane	22.1		1	0.88	5.00	ug/Kg	12/01/25 10:00	VY120125
127-18-4	Tetrachloroethene	23.1		1	1.10	5.00	ug/Kg	12/01/25 10:00	VY120125
108-90-7	Chlorobenzene	22.2		1	0.91	5.00	ug/Kg	12/01/25 10:00	VY120125
100-41-4	Ethyl Benzene	22.6		1	0.67	5.00	ug/Kg	12/01/25 10:00	VY120125
179601-23-1	m/p-Xylenes	45.5		1	1.20	10.0	ug/Kg	12/01/25 10:00	VY120125
95-47-6	o-Xylene	22.3		1	0.82	5.00	ug/Kg	12/01/25 10:00	VY120125
100-42-5	Styrene	22.7		1	0.71	5.00	ug/Kg	12/01/25 10:00	VY120125
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	12/01/25 10:00	VY120125

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1201SBSD01
Lab Sample ID: VY1201SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.7		1	0.78	5.00	ug/Kg	12/01/25 10:00	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1	1.20	5.00	ug/Kg	12/01/25 10:00	VY120125
541-73-1	1,3-Dichlorobenzene	22.3		1	1.70	5.00	ug/Kg	12/01/25 10:00	VY120125
106-46-7	1,4-Dichlorobenzene	21.9		1	1.60	5.00	ug/Kg	12/01/25 10:00	VY120125
95-50-1	1,2-Dichlorobenzene	22.5		1	1.50	5.00	ug/Kg	12/01/25 10:00	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1	1.80	5.00	ug/Kg	12/01/25 10:00	VY120125
120-82-1	1,2,4-Trichlorobenzene	21.7		1	3.00	5.00	ug/Kg	12/01/25 10:00	VY120125
87-61-6	1,2,3-Trichlorobenzene	22.2		1	3.20	5.00	ug/Kg	12/01/25 10:00	VY120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.0			63 - 155	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	50.0			74 - 123	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			52 - 138	97%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	526000							
540-36-3	1,4-Difluorobenzene	818000							
3114-55-4	Chlorobenzene-d5	696000							
3855-82-1	1,4-Dichlorobenzene-d4	353000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG No.: Q3741

Instrument ID: MSVOA_N

Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N

Calibration Time(s): 12:38 14:35

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN088344.D			RRF005 = VN088345.D		RRF020 = VN088346.D		RRF050 = VN088347.D		RRF100 = VN088348.D		RRF150 = VN088349.D	
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD					
Dichlorodifluoromethane	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.7					
Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.8					
Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.8					
Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.9					
Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.8					
Trichlorofluoromethane	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.8					
1,1,2-Trichlorotrifluoroethane	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.2					
1,1-Dichloroethene	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.8					
Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.5					
Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.2					
Methyl tert-butyl Ether	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.5					
Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.7					
Methylene Chloride	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.4					
trans-1,2-Dichloroethene	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.4					
1,1-Dichloroethane	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.3					
Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.9					
2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.2					
Carbon Tetrachloride	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6					
cis-1,2-Dichloroethene	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.2					
Bromochloromethane	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.5					
Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.3					
1,1,1-Trichloroethane	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.3					
Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.1					
Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.9					
1,2-Dichloroethane	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.3					
Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.1					
1,2-Dichloropropane	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.6					
Bromodichloromethane	0.602	0.586	0.586	0.589	0.583	0.566	0.586	2					
4-Methyl-2-Pentanone	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.8					
Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.1					

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG No.: Q3741
Instrument ID: MSVOA_N Calibration Date(s): 11/24/2025 11/24/2025
Heated Purge: (Y/N) N Calibration Time(s): 12:38 14:35
GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:								
RRF001 = VN088344.D			RRF005 = VN088345.D			RRF020 = VN088346.D		
RRF050 = VN088347.D			RRF100 = VN088348.D			RRF150 = VN088349.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.7
cis-1,3-Dichloropropene	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.2
1,1,2-Trichloroethane	0.350	0.359	0.364	0.353	0.341	0.336	0.351	3
2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.7
Dibromochloromethane	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.9
1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.2
Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.7
Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	3
Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.1
m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.6
o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.5
Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.9
Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.1
Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.1
1,1,2,2-Tetrachloroethane	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.9
1,3-Dichlorobenzene	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.3
1,4-Dichlorobenzene	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.5
1,2-Dichlorobenzene	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.5
1,2-Dibromo-3-Chloropropane	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.8
1,2,4-Trichlorobenzene	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.3
1,2,3-Trichlorobenzene	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.8
1,2-Dichloroethane-d4		0.954	0.916	0.999	0.882	0.960	0.942	4.7
Dibromofluoromethane		0.361	0.350	0.350	0.334	0.337	0.346	3.2
Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	2
4-Bromofluorobenzene		0.402	0.413	0.448	0.466	0.482	0.442	7.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG No.: Q3741

Instrument ID: MSVOA_Y

Calibration Date(s): 11/26/2025 11/26/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 08:04 10:02

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY023809.D		RRF010 = VY023810.D		RRF020 = VY023811.D		RRF050 = VY023812.D		RRF100 = VY023813.D		RRF150 = VY023814.D	
COMPOUND		RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD				
Dichlorodifluoromethane		0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.4				
Chloromethane		0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.8				
Vinyl Chloride		0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.3				
Bromomethane		0.543	0.480	0.439	0.386	0.402	0.390	0.440	14				
Chloroethane		0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.8				
Trichlorofluoromethane		0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.3				
1,1,2-Trichlorotrifluoroethane		0.537	0.509	0.501	0.473	0.477	0.455	0.492	6				
1,1-Dichloroethene		0.508	0.487	0.491	0.471	0.476	0.471	0.484	3				
Acetone		0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.1				
Carbon Disulfide		1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.6				
Methyl tert-butyl Ether		1.182	1.158	1.200	1.242	1.355	1.287	1.237	6				
Methyl Acetate		0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.5				
Methylene Chloride		0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.5				
trans-1,2-Dichloroethene		0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.3				
1,1-Dichloroethane		1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.4				
Cyclohexane		1.060	0.953	0.937	0.896	0.903	0.867	0.936	7.2				
2-Butanone		0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.4				
Carbon Tetrachloride		0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.3				
cis-1,2-Dichloroethene		0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.6				
Bromochloromethane		0.437	0.400	0.405	0.399	0.408	0.386	0.406	4.2				
Chloroform		1.025	0.991	0.996	0.961	0.969	0.943	0.981	3				
1,1,1-Trichloroethane		0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.3				
Methylcyclohexane		0.598	0.572	0.591	0.604	0.631	0.603	0.600	3.2				
Benzene		1.415	1.388	1.434	1.383	1.410	1.355	1.398	2				
1,2-Dichloroethane		0.365	0.354	0.358	0.359	0.372	0.354	0.360	2				
Trichloroethene		0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.6				
1,2-Dichloropropane		0.324	0.325	0.336	0.329	0.339	0.324	0.330	2				
Bromodichloromethane		0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.9				
4-Methyl-2-Pentanone		0.183	0.185	0.199	0.219	0.252	0.223	0.210	12.6				
Toluene		0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.1				

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG No.: Q3741

Instrument ID: MSVOA_Y

Calibration Date(s): 11/26/2025 11/26/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 08:04 10:02

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY023809.D		RRF010 = VY023810.D		RRF020 = VY023811.D		
		RRF050 = VY023812.D		RRF100 = VY023813.D		RRF150 = VY023814.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.2
cis-1,3-Dichloropropene	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.5
1,1,2-Trichloroethane	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4
2-Hexanone	0.131	0.135	0.147	0.162	0.190	0.167	0.155	14.2
Dibromochloromethane	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.7
1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.4
Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.4
Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.4
Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4
m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.2
o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5
Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.2
Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.9
Isopropylbenzene	3.390	3.431	3.571	3.610	3.701	3.590	3.549	3.3
1,1,2,2-Tetrachloroethane	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.2
1,3-Dichlorobenzene	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.3
1,4-Dichlorobenzene	1.798	1.678	1.645	1.635	1.662	1.601	1.670	4.1
1,2-Dichlorobenzene	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.9
1,2-Dibromo-3-Chloropropane	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.7
1,2,4-Trichlorobenzene	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.5
1,2,3-Trichlorobenzene	0.711	0.658	0.710	0.740	0.817	0.820	0.743	8.7
1,2-Dichloroethane-d4	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.5
Dibromofluoromethane	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.1
Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.8
4-Bromofluorobenzene	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025 09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025 11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38 14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.815		8.52	20
Chloromethane	0.807	0.858	0.1	6.32	20
Vinyl Chloride	0.821	0.851		3.65	20
Bromomethane	0.395	0.408		3.29	20
Chloroethane	0.508	0.525		3.35	20
Trichlorofluoromethane	1.153	1.195		3.64	20
1,1,2-Trichlorotrifluoroethane	0.614	0.636		3.58	20
1,1-Dichloroethene	0.610	0.607		-0.49	20
Acetone	0.341	0.269		-21.11	20
Carbon Disulfide	1.993	2.083		4.52	20
Methyl tert-butyl Ether	2.285	2.626		14.92	20
Methyl Acetate	1.014	1.108		9.27	20
Methylene Chloride	0.729	0.791		8.51	20
trans-1,2-Dichloroethene	0.676	0.724		7.1	20
1,1-Dichloroethane	1.367	1.456	0.1	6.51	20
Cyclohexane	1.239	1.285		3.71	20
2-Butanone	0.548	0.541		-1.28	20
Carbon Tetrachloride	0.532	0.584		9.77	20
cis-1,2-Dichloroethene	0.785	0.861		9.68	20
Bromochloromethane	0.681	0.672		-1.32	20
Chloroform	1.343	1.443		7.45	20
1,1,1-Trichloroethane	1.181	1.220		3.3	20
Methylcyclohexane	0.572	0.664		16.08	20
Benzene	1.570	1.738		10.7	20
1,2-Dichloroethane	0.599	0.676		12.85	20
Trichloroethene	0.371	0.415		11.86	20
1,2-Dichloropropane	0.402	0.453		12.69	20
Bromodichloromethane	0.586	0.670		14.33	20
4-Methyl-2-Pentanone	0.633	0.747		18.01	20
Toluene	0.906	1.034		14.13	20
t-1,3-Dichloropropene	0.601	0.701		16.64	20
cis-1,3-Dichloropropene	0.632	0.748		18.35	20
1,1,2-Trichloroethane	0.351	0.400		13.96	20
2-Hexanone	0.399	0.458		14.79	20
Dibromochloromethane	0.400	0.464		16	20
1,2-Dibromoethane	0.355	0.413		16.34	20
Tetrachloroethene	0.396	0.425		7.32	20
Chlorobenzene	1.123	1.242	0.3	10.6	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>09:58</u>
Lab File ID:	<u>VN088370.D</u>	Init. Calib. Date(s):	<u>11/24/2025</u> <u>11/24/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:38</u> <u>14:35</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.963	2.187		11.41	20
m/p-Xylenes	0.728	0.816		12.09	20
o-Xylene	0.694	0.778		12.1	20
Styrene	1.127	1.336		18.55	20
Bromoform	0.277	0.337	0.1	21.66	20
Isopropylbenzene	3.697	4.179		13.04	20
1,1,2,2-Tetrachloroethane	1.195	1.313	0.3	9.87	20
1,3-Dichlorobenzene	1.647	1.852		12.45	20
1,4-Dichlorobenzene	1.725	1.901		10.2	20
1,2-Dichlorobenzene	1.550	1.757		13.35	20
1,2-Dibromo-3-Chloropropane	0.290	0.317		9.31	20
1,2,4-Trichlorobenzene	0.921	1.042		13.14	20
1,2,3-Trichlorobenzene	0.896	0.989		10.38	20
1,2-Dichloroethane-d4	0.942	0.958		1.7	20
Dibromofluoromethane	0.346	0.377		8.96	20
Toluene-d8	1.289	1.356		5.2	20
4-Bromofluorobenzene	0.442	0.472		6.79	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025 07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.352		-6.63	20
Chloromethane	0.576	0.473	0.1	-17.88	20
Vinyl Chloride	0.624	0.570		-8.65	20
Bromomethane	0.440	0.360		-18.18	20
Chloroethane	0.406	0.380		-6.4	20
Trichlorofluoromethane	0.843	0.848		0.59	20
1,1,2-Trichlorotrifluoroethane	0.492	0.526		6.91	20
1,1-Dichloroethene	0.484	0.491		1.45	20
Acetone	0.140	0.158		12.86	20
Carbon Disulfide	1.562	1.340		-14.21	20
Methyl tert-butyl Ether	1.237	1.330		7.52	20
Methyl Acetate	0.271	0.304		12.18	20
Methylene Chloride	0.593	0.531		-10.45	20
trans-1,2-Dichloroethene	0.536	0.539		0.56	20
1,1-Dichloroethane	0.976	1.008	0.1	3.28	20
Cyclohexane	0.936	0.916		-2.14	20
2-Butanone	0.171	0.187		9.36	20
Carbon Tetrachloride	0.498	0.548		10.04	20
cis-1,2-Dichloroethene	0.622	0.639		2.73	20
Bromochloromethane	0.406	0.389		-4.19	20
Chloroform	0.981	1.019		3.87	20
1,1,1-Trichloroethane	0.871	0.916		5.17	20
Methylcyclohexane	0.600	0.648		8	20
Benzene	1.398	1.495		6.94	20
1,2-Dichloroethane	0.360	0.396		10	20
Trichloroethene	0.359	0.392		9.19	20
1,2-Dichloropropane	0.330	0.363		10	20
Bromodichloromethane	0.467	0.516		10.49	20
4-Methyl-2-Pentanone	0.210	0.252		20	20
Toluene	0.866	0.957		10.51	20
t-1,3-Dichloropropene	0.428	0.474		10.75	20
cis-1,3-Dichloropropene	0.512	0.561		9.57	20
1,1,2-Trichloroethane	0.240	0.275		14.58	20
2-Hexanone	0.155	0.188		21.29	20
Dibromochloromethane	0.321	0.361		12.46	20
1,2-Dibromoethane	0.222	0.249		12.16	20
Tetrachloroethene	0.474	0.532		12.24	20
Chlorobenzene	1.098	1.206	0.3	9.84	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/01/2025</u> <u>07:55</u>
Lab File ID:	<u>VY023829.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.875	2.141		14.19	20
m/p-Xylenes	0.722	0.815		12.88	20
o-Xylene	0.677	0.762		12.56	20
Styrene	1.116	1.275		14.25	20
Bromoform	0.217	0.246	0.1	13.36	20
Isopropylbenzene	3.549	4.062		14.45	20
1,1,2,2-Tetrachloroethane	0.584	0.664	0.3	13.7	20
1,3-Dichlorobenzene	1.673	1.834		9.62	20
1,4-Dichlorobenzene	1.670	1.788		7.07	20
1,2-Dichlorobenzene	1.463	1.606		9.77	20
1,2-Dibromo-3-Chloropropane	0.098	0.107		9.18	20
1,2,4-Trichlorobenzene	0.872	0.955		9.52	20
1,2,3-Trichlorobenzene	0.743	0.826		11.17	20
1,2-Dichloroethane-d4	0.487	0.517		6.16	20
Dibromofluoromethane	0.296	0.332		12.16	20
Toluene-d8	1.176	1.313		11.65	20
4-Bromofluorobenzene	0.387	0.437		12.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025 09:14</u>
Lab File ID:	<u>VY023849.D</u>	Init. Calib. Date(s):	<u>11/26/2025 11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04 10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.394		4.51	20
Chloromethane	0.576	0.577	0.1	0.17	20
Vinyl Chloride	0.624	0.668		7.05	20
Bromomethane	0.440	0.438		-0.46	20
Chloroethane	0.406	0.428		5.42	20
Trichlorofluoromethane	0.843	0.887		5.22	20
1,1,2-Trichlorotrifluoroethane	0.492	0.518		5.28	20
1,1-Dichloroethene	0.484	0.518		7.03	20
Acetone	0.140	0.184		31.43	20
Carbon Disulfide	1.562	1.710		9.48	20
Methyl tert-butyl Ether	1.237	1.274		2.99	20
Methyl Acetate	0.271	0.262		-3.32	20
Methylene Chloride	0.593	0.551		-7.08	20
trans-1,2-Dichloroethene	0.536	0.581		8.4	20
1,1-Dichloroethane	0.976	1.037	0.1	6.25	20
Cyclohexane	0.936	0.999		6.73	20
2-Butanone	0.171	0.201		17.54	20
Carbon Tetrachloride	0.498	0.544		9.24	20
cis-1,2-Dichloroethene	0.622	0.654		5.14	20
Bromochloromethane	0.406	0.406		0	20
Chloroform	0.981	1.035		5.51	20
1,1,1-Trichloroethane	0.871	0.928		6.54	20
Methylcyclohexane	0.600	0.659		9.83	20
Benzene	1.398	1.520		8.73	20
1,2-Dichloroethane	0.360	0.381		5.83	20
Trichloroethene	0.359	0.385		7.24	20
1,2-Dichloropropane	0.330	0.357		8.18	20
Bromodichloromethane	0.467	0.493		5.57	20
4-Methyl-2-Pentanone	0.210	0.226		7.62	20
Toluene	0.866	0.960		10.85	20
t-1,3-Dichloropropene	0.428	0.458		7.01	20
cis-1,3-Dichloropropene	0.512	0.547		6.84	20
1,1,2-Trichloroethane	0.240	0.251		4.58	20
2-Hexanone	0.155	0.185		19.35	20
Dibromochloromethane	0.321	0.336		4.67	20
1,2-Dibromoethane	0.222	0.234		5.41	20
Tetrachloroethene	0.474	0.519		9.49	20
Chlorobenzene	1.098	1.184	0.3	7.83	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>12/02/2025</u> <u>09:14</u>
Lab File ID:	<u>VY023849.D</u>	Init. Calib. Date(s):	<u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:04</u> <u>10:02</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.875	2.111		12.59	20
m/p-Xylenes	0.722	0.812		12.47	20
o-Xylene	0.677	0.758		11.97	20
Styrene	1.116	1.255		12.45	20
Bromoform	0.217	0.229	0.1	5.53	20
Isopropylbenzene	3.549	3.929		10.71	20
1,1,2,2-Tetrachloroethane	0.584	0.601	0.3	2.91	20
1,3-Dichlorobenzene	1.673	1.755		4.9	20
1,4-Dichlorobenzene	1.670	1.719		2.93	20
1,2-Dichlorobenzene	1.463	1.541		5.33	20
1,2-Dibromo-3-Chloropropane	0.098	0.096		-2.04	20
1,2,4-Trichlorobenzene	0.872	0.895		2.64	20
1,2,3-Trichlorobenzene	0.743	0.758		2.02	20
1,2-Dichloroethane-d4	0.487	0.485		-0.41	20
Dibromofluoromethane	0.296	0.307		3.72	20
Toluene-d8	1.176	1.213		3.15	20
4-Bromofluorobenzene	0.387	0.392		1.29	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	SVOC-TCL BNA	8270E	11/19/25	12/03/25	12/03/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	SVOC-TCL BNA	8270E	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	SVOC-TCL BNA	8270E	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	SVOC-TCL BNA	8270E	11/24/25	12/03/25	12/03/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	SVOC-TCL BNA	8270E	11/25/25	12/03/25	12/03/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	SVOC-TCL BNA	8270E	11/25/25	12/03/25	12/03/25	11/26/25

Hit Summary Sheet SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP3-111925								
Q3741-01	B50-SP3-111925	SOIL	Phenanthrene	73.400	J	22.8	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Fluoranthene	120.000	J	32.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Pyrene	80.500	J	39.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)anthracene	110.000	J	25.1	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Chrysene	98.700	J	21.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(b)fluoranthene	220.000		20.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(k)fluoranthene	75.600	J	24.4	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)pyrene	210.000		32.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Indeno(1,2,3-cd)pyrene	92.300	J	31.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(g,h,i)perylene	110.000	J	28	190	ug/Kg
Total Svoc :				1,190.50				
Total Concentration:				1,190.50				
Client ID : B50-SP13-112025								
Q3741-02	B50-SP13-112025	SOIL	Phenanthrene	340.000		24.1	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Fluoranthene	550.000		34.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Pyrene	360.000		41.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)anthracene	300.000		26.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Chrysene	290.000		23	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(b)fluoranthene	390.000		21.9	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(k)fluoranthene	160.000	J	25.8	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)pyrene	330.000		34	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	33.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(g,h,i)perylene	130.000	J	29.7	200	ug/Kg
Total Svoc :				2,960.00				
Total Concentration:				2,960.00				
Client ID : B50-SP14-112025								
Q3741-03	B50-SP14-112025	SOIL	Naphthalene	150.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	2-Methylnaphthalene	95.800	J	29.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthylene	100.000	J	33	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthene	120.000	J	24.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzofuran	120.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluorene	120.000	J	28.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Phenanthrene	1,300.000		23.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Anthracene	370.000		38.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Carbazole	170.000	J	35.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluoranthene	1,600.000		34.3	190	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-03	B50-SP14-112025	SOIL	Pyrene	1,400.000		41.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)anthracene	1,300.000		26.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Chrysene	1,300.000		22.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Bis(2-ethylhexyl)phthalate	110.000	J	67.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(b)fluoranthene	1,700.000		21.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(k)fluoranthene	620.000		25.6	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)pyrene	1,600.000		33.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Indeno(1,2,3-cd)pyrene	670.000		33.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzo(a,h)anthracene	240.000		31.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(g,h,i)perylene	790.000		29.4	190	ug/Kg
Total Svoc :				13,875.80				
Total Concentration:				13,875.80				
Client ID : B50-SP9-112425								
Q3741-04	B50-SP9-112425	SOIL	Phenanthrene	250.000		24.5	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Fluoranthene	400.000		35.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Pyrene	280.000		42.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)anthracene	290.000		27	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Chrysene	260.000		23.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(b)fluoranthene	480.000		22.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(k)fluoranthene	150.000	J	26.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)pyrene	420.000		34.6	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	34.1	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(g,h,i)perylene	220.000		30.1	200	ug/Kg
Total Svoc :				2,920.00				
Total Concentration:				2,920.00				
Client ID : B50-SP11-112525								
Q3741-05	B50-SP11-112525	SOIL	Naphthalene	310.000		26.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	2-Methylnaphthalene	340.000		30.2	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Phenanthrene	310.000		24.7	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Fluoranthene	320.000		35.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Pyrene	290.000		42.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)anthracene	140.000	J	27.1	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Chrysene	180.000	J	23.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(b)fluoranthene	180.000	J	22.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)pyrene	140.000	J	34.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Indeno(1,2,3-cd)pyrene	78.700	J	34.3	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(g,h,i)perylene	100.000	J	30.3	200	ug/Kg
Total Svoc :				2,388.70				
Total Concentration:				2,388.70				

Hit Summary Sheet SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP4-112525								
Q3741-06	B50-SP4-112525	SOIL	Phenanthrene	420.000		24.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Fluoranthene	420.000		34.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Pyrene	420.000		41.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)anthracene	250.000		26.7	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Chrysene	270.000		23.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(b)fluoranthene	310.000		22.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(k)fluoranthene	120.000	J	26	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)pyrene	280.000		34.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(g,h,i)perylene	170.000	J	29.8	200	ug/Kg
Total Svoc :						2,800.00		
Total Concentration:						2,800.00		



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	360	ug/Kg	12/03/25 15:07	PB170797
108-95-2	Phenol	24.1	U	1	24.1	190	ug/Kg	12/03/25 15:07	PB170797
111-44-4	bis(2-Chloroethyl)ether	26.5	U	1	26.5	190	ug/Kg	12/03/25 15:07	PB170797
95-57-8	2-Chlorophenol	26.6	U	1	26.6	190	ug/Kg	12/03/25 15:07	PB170797
95-48-7	2-Methylphenol	32.6	U	1	32.6	190	ug/Kg	12/03/25 15:07	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	40.9	U	1	40.9	190	ug/Kg	12/03/25 15:07	PB170797
98-86-2	Acetophenone	32.2	U	1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
65794-96-9	3+4-Methylphenols	44.8	U	1	44.8	360	ug/Kg	12/03/25 15:07	PB170797
621-64-7	n-Nitroso-di-n-propylamine	51.7	U	1	51.7	87.2	ug/Kg	12/03/25 15:07	PB170797
67-72-1	Hexachloroethane	19.2	U	1	19.2	190	ug/Kg	12/03/25 15:07	PB170797
98-95-3	Nitrobenzene	20.0	U	1	20.0	190	ug/Kg	12/03/25 15:07	PB170797
78-59-1	Isophorone	35.8	U	1	35.8	190	ug/Kg	12/03/25 15:07	PB170797
88-75-5	2-Nitrophenol	63.5	U	1	63.5	190	ug/Kg	12/03/25 15:07	PB170797
105-67-9	2,4-Dimethylphenol	70.6	U	1	70.6	190	ug/Kg	12/03/25 15:07	PB170797
111-91-1	bis(2-Chloroethoxy)methane	33.6	U	1	33.6	190	ug/Kg	12/03/25 15:07	PB170797
120-83-2	2,4-Dichlorophenol	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
91-20-3	Naphthalene	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
106-47-8	4-Chloroaniline	38.6	U	1	38.6	190	ug/Kg	12/03/25 15:07	PB170797
87-68-3	Hexachlorobutadiene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
105-60-2	Caprolactam	56.8	UQ	1	56.8	360	ug/Kg	12/03/25 15:07	PB170797
59-50-7	4-Chloro-3-methylphenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 15:07	PB170797
91-57-6	2-Methylnaphthalene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	360	ug/Kg	12/03/25 15:07	PB170797
88-06-2	2,4,6-Trichlorophenol	21.6	U	1	21.6	190	ug/Kg	12/03/25 15:07	PB170797
95-95-4	2,4,5-Trichlorophenol	31.7	U	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
92-52-4	1,1-Biphenyl	23.8	U	1	23.8	190	ug/Kg	12/03/25 15:07	PB170797
91-58-7	2-Chloronaphthalene	24.5	U	1	24.5	190	ug/Kg	12/03/25 15:07	PB170797
88-74-4	2-Nitroaniline	52.4	U	1	52.4	190	ug/Kg	12/03/25 15:07	PB170797
131-11-3	Dimethylphthalate	29.5	U	1	29.5	190	ug/Kg	12/03/25 15:07	PB170797
208-96-8	Acenaphthylene	31.5	U	1	31.5	190	ug/Kg	12/03/25 15:07	PB170797
606-20-2	2,6-Dinitrotoluene	36.6	U	1	36.6	190	ug/Kg	12/03/25 15:07	PB170797
99-09-2	3-Nitroaniline	50.2	U	1	50.2	190	ug/Kg	12/03/25 15:07	PB170797
83-32-9	Acenaphthene	23.2	U	1	23.2	190	ug/Kg	12/03/25 15:07	PB170797
51-28-5	2,4-Dinitrophenol	250	U	1	250	360	ug/Kg	12/03/25 15:07	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	360	ug/Kg	12/03/25 15:07	PB170797
132-64-9	Dibenzofuran	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
121-14-2	2,4-Dinitrotoluene	54.6	UQ	1	54.6	190	ug/Kg	12/03/25 15:07	PB170797
84-66-2	Diethylphthalate	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
7005-72-3	4-Chlorophenyl-phenylether	29.1	U	1	29.1	190	ug/Kg	12/03/25 15:07	PB170797
86-73-7	Fluorene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
100-01-6	4-Nitroaniline	70.0	U	1	70.0	190	ug/Kg	12/03/25 15:07	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1	110	360	ug/Kg	12/03/25 15:07	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	35.9	U	1	35.9	190	ug/Kg	12/03/25 15:07	PB170797
101-55-3	4-Bromophenyl-phenylether	30.3	U	1	30.3	190	ug/Kg	12/03/25 15:07	PB170797
118-74-1	Hexachlorobenzene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
1912-24-9	Atrazine	37.1	U	1	37.1	190	ug/Kg	12/03/25 15:07	PB170797
87-86-5	Pentachlorophenol	55.9	U	1	55.9	360	ug/Kg	12/03/25 15:07	PB170797
85-01-8	Phenanthrene	73.4	J	1	22.8	190	ug/Kg	12/03/25 15:07	PB170797
120-12-7	Anthracene	36.3	U	1	36.3	190	ug/Kg	12/03/25 15:07	PB170797
86-74-8	Carbazole	34.0	U	1	34.0	190	ug/Kg	12/03/25 15:07	PB170797
84-74-2	Di-n-butylphthalate	52.2	U	1	52.2	190	ug/Kg	12/03/25 15:07	PB170797
206-44-0	Fluoranthene	120	J	1	32.7	190	ug/Kg	12/03/25 15:07	PB170797
129-00-0	Pyrene	80.5	J	1	39.2	190	ug/Kg	12/03/25 15:07	PB170797
85-68-7	Butylbenzylphthalate	77.8	U	1	77.8	190	ug/Kg	12/03/25 15:07	PB170797
91-94-1	3,3-Dichlorobenzidine	40.0	U	1	40.0	360	ug/Kg	12/03/25 15:07	PB170797
56-55-3	Benzo(a)anthracene	110	J	1	25.1	190	ug/Kg	12/03/25 15:07	PB170797
218-01-9	Chrysene	98.7	J	1	21.7	190	ug/Kg	12/03/25 15:07	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	64.5	U	1	64.5	190	ug/Kg	12/03/25 15:07	PB170797
117-84-0	Di-n-octyl phthalate	94.6	U	1	94.6	360	ug/Kg	12/03/25 15:07	PB170797
205-99-2	Benzo(b)fluoranthene	220		1	20.7	190	ug/Kg	12/03/25 15:07	PB170797
207-08-9	Benzo(k)fluoranthene	75.6	J	1	24.4	190	ug/Kg	12/03/25 15:07	PB170797
50-32-8	Benzo(a)pyrene	210		1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	92.3	J	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
53-70-3	Dibenzo(a,h)anthracene	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797
191-24-2	Benzo(g,h,i)perylene	110	J	1	28.0	190	ug/Kg	12/03/25 15:07	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797

SURROGATES

367-12-4	2-Fluorophenol	39.3			10 - 105	26%	SPK: 150
13127-88-3	Phenol-d6	38.5			10 - 103	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	28.2			10 - 108	28%	SPK: 100
321-60-8	2-Fluorobiphenyl	31.0			10 - 108	31%	SPK: 100
118-79-6	2,4,6-Tribromophenol	34.2			10 - 116	23%	SPK: 150
1718-51-0	Terphenyl-d14	22.5			10 - 109	22%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	81100
1146-65-2	Naphthalene-d8	286000
15067-26-2	Acenaphthene-d10	142000
1517-22-2	Phenanthrene-d10	238000
1719-03-5	Chrysene-d12	247000
1520-96-3	Perylene-d12	283000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.6
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.04 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 15:36	PB170797
108-95-2	Phenol	25.5	U	1	25.5	200	ug/Kg	12/03/25 15:36	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.0	U	1	28.0	200	ug/Kg	12/03/25 15:36	PB170797
95-57-8	2-Chlorophenol	28.2	U	1	28.2	200	ug/Kg	12/03/25 15:36	PB170797
95-48-7	2-Methylphenol	34.5	U	1	34.5	200	ug/Kg	12/03/25 15:36	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.3	U	1	43.3	200	ug/Kg	12/03/25 15:36	PB170797
98-86-2	Acetophenone	34.0	U	1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
65794-96-9	3+4-Methylphenols	47.4	U	1	47.4	380	ug/Kg	12/03/25 15:36	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	1	54.7	92.3	ug/Kg	12/03/25 15:36	PB170797
67-72-1	Hexachloroethane	20.3	U	1	20.3	200	ug/Kg	12/03/25 15:36	PB170797
98-95-3	Nitrobenzene	21.1	U	1	21.1	200	ug/Kg	12/03/25 15:36	PB170797
78-59-1	Isophorone	37.8	U	1	37.8	200	ug/Kg	12/03/25 15:36	PB170797
88-75-5	2-Nitrophenol	67.2	U	1	67.2	200	ug/Kg	12/03/25 15:36	PB170797
105-67-9	2,4-Dimethylphenol	74.8	U	1	74.8	200	ug/Kg	12/03/25 15:36	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.5	U	1	35.5	200	ug/Kg	12/03/25 15:36	PB170797
120-83-2	2,4-Dichlorophenol	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
91-20-3	Naphthalene	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
106-47-8	4-Chloroaniline	40.8	U	1	40.8	200	ug/Kg	12/03/25 15:36	PB170797
87-68-3	Hexachlorobutadiene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
105-60-2	Caprolactam	60.1	UQ	1	60.1	380	ug/Kg	12/03/25 15:36	PB170797
59-50-7	4-Chloro-3-methylphenol	33.1	U	1	33.1	200	ug/Kg	12/03/25 15:36	PB170797
91-57-6	2-Methylnaphthalene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 15:36	PB170797
88-06-2	2,4,6-Trichlorophenol	22.8	U	1	22.8	200	ug/Kg	12/03/25 15:36	PB170797
95-95-4	2,4,5-Trichlorophenol	33.6	U	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
92-52-4	1,1-Biphenyl	25.2	U	1	25.2	200	ug/Kg	12/03/25 15:36	PB170797
91-58-7	2-Chloronaphthalene	26.0	U	1	26.0	200	ug/Kg	12/03/25 15:36	PB170797
88-74-4	2-Nitroaniline	55.5	U	1	55.5	200	ug/Kg	12/03/25 15:36	PB170797
131-11-3	Dimethylphthalate	31.3	U	1	31.3	200	ug/Kg	12/03/25 15:36	PB170797
208-96-8	Acenaphthylene	33.3	U	1	33.3	200	ug/Kg	12/03/25 15:36	PB170797
606-20-2	2,6-Dinitrotoluene	38.8	U	1	38.8	200	ug/Kg	12/03/25 15:36	PB170797
99-09-2	3-Nitroaniline	53.1	U	1	53.1	200	ug/Kg	12/03/25 15:36	PB170797
83-32-9	Acenaphthene	24.6	U	1	24.6	200	ug/Kg	12/03/25 15:36	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 15:36	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797
132-64-9	Dibenzofuran	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
121-14-2	2,4-Dinitrotoluene	57.8	UQ	1	57.8	200	ug/Kg	12/03/25 15:36	PB170797
84-66-2	Diethylphthalate	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.8	U	1	30.8	200	ug/Kg	12/03/25 15:36	PB170797
86-73-7	Fluorene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
100-01-6	4-Nitroaniline	74.1	U	1	74.1	200	ug/Kg	12/03/25 15:36	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.0	U	1	38.0	200	ug/Kg	12/03/25 15:36	PB170797
101-55-3	4-Bromophenyl-phenylether	32.1	U	1	32.1	200	ug/Kg	12/03/25 15:36	PB170797
118-74-1	Hexachlorobenzene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
1912-24-9	Atrazine	39.2	U	1	39.2	200	ug/Kg	12/03/25 15:36	PB170797
87-86-5	Pentachlorophenol	59.2	U	1	59.2	380	ug/Kg	12/03/25 15:36	PB170797
85-01-8	Phenanthrene	340		1	24.1	200	ug/Kg	12/03/25 15:36	PB170797
120-12-7	Anthracene	38.4	U	1	38.4	200	ug/Kg	12/03/25 15:36	PB170797
86-74-8	Carbazole	36.0	U	1	36.0	200	ug/Kg	12/03/25 15:36	PB170797
84-74-2	Di-n-butylphthalate	55.3	U	1	55.3	200	ug/Kg	12/03/25 15:36	PB170797
206-44-0	Fluoranthene	550		1	34.6	200	ug/Kg	12/03/25 15:36	PB170797
129-00-0	Pyrene	360		1	41.5	200	ug/Kg	12/03/25 15:36	PB170797
85-68-7	Butylbenzylphthalate	82.4	U	1	82.4	200	ug/Kg	12/03/25 15:36	PB170797
91-94-1	3,3-Dichlorobenzidine	42.3	U	1	42.3	380	ug/Kg	12/03/25 15:36	PB170797
56-55-3	Benzo(a)anthracene	300		1	26.5	200	ug/Kg	12/03/25 15:36	PB170797
218-01-9	Chrysene	290		1	23.0	200	ug/Kg	12/03/25 15:36	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.3	U	1	68.3	200	ug/Kg	12/03/25 15:36	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 15:36	PB170797
205-99-2	Benzo(b)fluoranthene	390		1	21.9	200	ug/Kg	12/03/25 15:36	PB170797
207-08-9	Benzo(k)fluoranthene	160	J	1	25.8	200	ug/Kg	12/03/25 15:36	PB170797
50-32-8	Benzo(a)pyrene	330		1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
191-24-2	Benzo(g,h,i)perylene	130	J	1	29.7	200	ug/Kg	12/03/25 15:36	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797

SURROGATES

367-12-4	2-Fluorophenol	36.2			10 - 105	24%	SPK: 150
13127-88-3	Phenol-d6	36.4			10 - 103	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	25.9			10 - 108	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.8			10 - 108	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.1			10 - 116	21%	SPK: 150
1718-51-0	Terphenyl-d14	20.6			10 - 109	21%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	88400
1146-65-2	Naphthalene-d8	322000
15067-26-2	Acenaphthene-d10	169000
1517-22-2	Phenanthrene-d10	276000
1719-03-5	Chrysene-d12	256000
1520-96-3	Perylene-d12	297000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.4
Sample Wt/Vol:	30.09 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 14:08	PB170797
108-95-2	Phenol	25.3	U	1	25.3	190	ug/Kg	12/03/25 14:08	PB170797
111-44-4	bis(2-Chloroethyl)ether	27.8	U	1	27.8	190	ug/Kg	12/03/25 14:08	PB170797
95-57-8	2-Chlorophenol	27.9	U	1	27.9	190	ug/Kg	12/03/25 14:08	PB170797
95-48-7	2-Methylphenol	34.2	U	1	34.2	190	ug/Kg	12/03/25 14:08	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	42.9	U	1	42.9	190	ug/Kg	12/03/25 14:08	PB170797
98-86-2	Acetophenone	33.7	U	1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
65794-96-9	3+4-Methylphenols	47.0	U	1	47.0	380	ug/Kg	12/03/25 14:08	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	1	54.2	91.4	ug/Kg	12/03/25 14:08	PB170797
67-72-1	Hexachloroethane	20.1	U	1	20.1	190	ug/Kg	12/03/25 14:08	PB170797
98-95-3	Nitrobenzene	20.9	U	1	20.9	190	ug/Kg	12/03/25 14:08	PB170797
78-59-1	Isophorone	37.5	U	1	37.5	190	ug/Kg	12/03/25 14:08	PB170797
88-75-5	2-Nitrophenol	66.5	U	1	66.5	190	ug/Kg	12/03/25 14:08	PB170797
105-67-9	2,4-Dimethylphenol	74.1	U	1	74.1	190	ug/Kg	12/03/25 14:08	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	1	35.2	190	ug/Kg	12/03/25 14:08	PB170797
120-83-2	2,4-Dichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
91-20-3	Naphthalene	150	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
106-47-8	4-Chloroaniline	40.5	U	1	40.5	190	ug/Kg	12/03/25 14:08	PB170797
87-68-3	Hexachlorobutadiene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
105-60-2	Caprolactam	59.5	UQ	1	59.5	380	ug/Kg	12/03/25 14:08	PB170797
59-50-7	4-Chloro-3-methylphenol	32.8	U	1	32.8	190	ug/Kg	12/03/25 14:08	PB170797
91-57-6	2-Methylnaphthalene	95.8	J	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 14:08	PB170797
88-06-2	2,4,6-Trichlorophenol	22.6	U	1	22.6	190	ug/Kg	12/03/25 14:08	PB170797
95-95-4	2,4,5-Trichlorophenol	33.3	U	1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
92-52-4	1,1-Biphenyl	24.9	U	1	24.9	190	ug/Kg	12/03/25 14:08	PB170797
91-58-7	2-Chloronaphthalene	25.7	U	1	25.7	190	ug/Kg	12/03/25 14:08	PB170797
88-74-4	2-Nitroaniline	55.0	U	1	55.0	190	ug/Kg	12/03/25 14:08	PB170797
131-11-3	Dimethylphthalate	31.0	U	1	31.0	190	ug/Kg	12/03/25 14:08	PB170797
208-96-8	Acenaphthylene	100	J	1	33.0	190	ug/Kg	12/03/25 14:08	PB170797
606-20-2	2,6-Dinitrotoluene	38.4	U	1	38.4	190	ug/Kg	12/03/25 14:08	PB170797
99-09-2	3-Nitroaniline	52.6	U	1	52.6	190	ug/Kg	12/03/25 14:08	PB170797
83-32-9	Acenaphthene	120	J	1	24.3	190	ug/Kg	12/03/25 14:08	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 14:08	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797
132-64-9	Dibenzofuran	120	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
121-14-2	2,4-Dinitrotoluene	57.3	UQ	1	57.3	190	ug/Kg	12/03/25 14:08	PB170797
84-66-2	Diethylphthalate	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	1	30.5	190	ug/Kg	12/03/25 14:08	PB170797
86-73-7	Fluorene	120	J	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
100-01-6	4-Nitroaniline	73.4	U	1	73.4	190	ug/Kg	12/03/25 14:08	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	37.6	U	1	37.6	190	ug/Kg	12/03/25 14:08	PB170797
101-55-3	4-Bromophenyl-phenylether	31.8	U	1	31.8	190	ug/Kg	12/03/25 14:08	PB170797
118-74-1	Hexachlorobenzene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
1912-24-9	Atrazine	38.9	U	1	38.9	190	ug/Kg	12/03/25 14:08	PB170797
87-86-5	Pentachlorophenol	58.6	U	1	58.6	380	ug/Kg	12/03/25 14:08	PB170797
85-01-8	Phenanthrene	1300		1	23.9	190	ug/Kg	12/03/25 14:08	PB170797
120-12-7	Anthracene	370		1	38.1	190	ug/Kg	12/03/25 14:08	PB170797
86-74-8	Carbazole	170	J	1	35.7	190	ug/Kg	12/03/25 14:08	PB170797
84-74-2	Di-n-butylphthalate	54.7	U	1	54.7	190	ug/Kg	12/03/25 14:08	PB170797
206-44-0	Fluoranthene	1600		1	34.3	190	ug/Kg	12/03/25 14:08	PB170797
129-00-0	Pyrene	1400		1	41.1	190	ug/Kg	12/03/25 14:08	PB170797
85-68-7	Butylbenzylphthalate	81.6	U	1	81.6	190	ug/Kg	12/03/25 14:08	PB170797
91-94-1	3,3-Dichlorobenzidine	41.9	U	1	41.9	380	ug/Kg	12/03/25 14:08	PB170797
56-55-3	Benzo(a)anthracene	1300		1	26.3	190	ug/Kg	12/03/25 14:08	PB170797
218-01-9	Chrysene	1300		1	22.7	190	ug/Kg	12/03/25 14:08	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	1	67.7	190	ug/Kg	12/03/25 14:08	PB170797
117-84-0	Di-n-octyl phthalate	99.2	U	1	99.2	380	ug/Kg	12/03/25 14:08	PB170797
205-99-2	Benzo(b)fluoranthene	1700		1	21.7	190	ug/Kg	12/03/25 14:08	PB170797
207-08-9	Benzo(k)fluoranthene	620		1	25.6	190	ug/Kg	12/03/25 14:08	PB170797
50-32-8	Benzo(a)pyrene	1600		1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	670		1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
53-70-3	Dibenzo(a,h)anthracene	240		1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
191-24-2	Benzo(g,h,i)perylene	790		1	29.4	190	ug/Kg	12/03/25 14:08	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.3	U	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 14:08	PB170797

SURROGATES

367-12-4	2-Fluorophenol	52.4		10 - 105	35%	SPK: 150
13127-88-3	Phenol-d6	70.7		10 - 103	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.7		10 - 108	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.4		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	31.9		10 - 116	21%	SPK: 150
1718-51-0	Terphenyl-d14	44.4		10 - 109	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	52500
1146-65-2	Naphthalene-d8	194000
15067-26-2	Acenaphthene-d10	104000
1517-22-2	Phenanthrene-d10	161000
1719-03-5	Chrysene-d12	123000
1520-96-3	Perylene-d12	158000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.3
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 16:06	PB170797
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	12/03/25 16:06	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.5	U	1	28.5	200	ug/Kg	12/03/25 16:06	PB170797
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	12/03/25 16:06	PB170797
95-48-7	2-Methylphenol	35.1	U	1	35.1	200	ug/Kg	12/03/25 16:06	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	1	44.0	200	ug/Kg	12/03/25 16:06	PB170797
98-86-2	Acetophenone	34.6	U	1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
65794-96-9	3+4-Methylphenols	48.2	U	1	48.2	390	ug/Kg	12/03/25 16:06	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	1	55.6	93.8	ug/Kg	12/03/25 16:06	PB170797
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	12/03/25 16:06	PB170797
98-95-3	Nitrobenzene	21.5	U	1	21.5	200	ug/Kg	12/03/25 16:06	PB170797
78-59-1	Isophorone	38.5	U	1	38.5	200	ug/Kg	12/03/25 16:06	PB170797
88-75-5	2-Nitrophenol	68.2	U	1	68.2	200	ug/Kg	12/03/25 16:06	PB170797
105-67-9	2,4-Dimethylphenol	76.0	U	1	76.0	200	ug/Kg	12/03/25 16:06	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	12/03/25 16:06	PB170797
120-83-2	2,4-Dichlorophenol	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
91-20-3	Naphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
106-47-8	4-Chloroaniline	41.5	U	1	41.5	200	ug/Kg	12/03/25 16:06	PB170797
87-68-3	Hexachlorobutadiene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
105-60-2	Caprolactam	61.1	UQ	1	61.1	390	ug/Kg	12/03/25 16:06	PB170797
59-50-7	4-Chloro-3-methylphenol	33.7	U	1	33.7	200	ug/Kg	12/03/25 16:06	PB170797
91-57-6	2-Methylnaphthalene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 16:06	PB170797
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	12/03/25 16:06	PB170797
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
92-52-4	1,1-Biphenyl	25.6	U	1	25.6	200	ug/Kg	12/03/25 16:06	PB170797
91-58-7	2-Chloronaphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 16:06	PB170797
88-74-4	2-Nitroaniline	56.4	U	1	56.4	200	ug/Kg	12/03/25 16:06	PB170797
131-11-3	Dimethylphthalate	31.8	U	1	31.8	200	ug/Kg	12/03/25 16:06	PB170797
208-96-8	Acenaphthylene	33.9	U	1	33.9	200	ug/Kg	12/03/25 16:06	PB170797
606-20-2	2,6-Dinitrotoluene	39.4	U	1	39.4	200	ug/Kg	12/03/25 16:06	PB170797
99-09-2	3-Nitroaniline	53.9	U	1	53.9	200	ug/Kg	12/03/25 16:06	PB170797
83-32-9	Acenaphthene	25.0	U	1	25.0	200	ug/Kg	12/03/25 16:06	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 16:06	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 16:06	PB170797
132-64-9	Dibenzofuran	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
121-14-2	2,4-Dinitrotoluene	58.7	UQ	1	58.7	200	ug/Kg	12/03/25 16:06	PB170797
84-66-2	Diethylphthalate	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	12/03/25 16:06	PB170797
86-73-7	Fluorene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
100-01-6	4-Nitroaniline	75.3	U	1	75.3	200	ug/Kg	12/03/25 16:06	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 16:06	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.6	U	1	38.6	200	ug/Kg	12/03/25 16:06	PB170797
101-55-3	4-Bromophenyl-phenylether	32.6	U	1	32.6	200	ug/Kg	12/03/25 16:06	PB170797
118-74-1	Hexachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
1912-24-9	Atrazine	39.9	U	1	39.9	200	ug/Kg	12/03/25 16:06	PB170797
87-86-5	Pentachlorophenol	60.2	U	1	60.2	390	ug/Kg	12/03/25 16:06	PB170797
85-01-8	Phenanthrene	250		1	24.5	200	ug/Kg	12/03/25 16:06	PB170797
120-12-7	Anthracene	39.0	U	1	39.0	200	ug/Kg	12/03/25 16:06	PB170797
86-74-8	Carbazole	36.6	U	1	36.6	200	ug/Kg	12/03/25 16:06	PB170797
84-74-2	Di-n-butylphthalate	56.2	U	1	56.2	200	ug/Kg	12/03/25 16:06	PB170797
206-44-0	Fluoranthene	400		1	35.2	200	ug/Kg	12/03/25 16:06	PB170797
129-00-0	Pyrene	280		1	42.2	200	ug/Kg	12/03/25 16:06	PB170797
85-68-7	Butylbenzylphthalate	83.7	U	1	83.7	200	ug/Kg	12/03/25 16:06	PB170797
91-94-1	3,3-Dichlorobenzidine	43.0	U	1	43.0	390	ug/Kg	12/03/25 16:06	PB170797
56-55-3	Benzo(a)anthracene	290		1	27.0	200	ug/Kg	12/03/25 16:06	PB170797
218-01-9	Chrysene	260		1	23.3	200	ug/Kg	12/03/25 16:06	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.4	U	1	69.4	200	ug/Kg	12/03/25 16:06	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 16:06	PB170797
205-99-2	Benzo(b)fluoranthene	480		1	22.3	200	ug/Kg	12/03/25 16:06	PB170797
207-08-9	Benzo(k)fluoranthene	150	J	1	26.3	200	ug/Kg	12/03/25 16:06	PB170797
50-32-8	Benzo(a)pyrene	420		1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797
191-24-2	Benzo(g,h,i)perylene	220		1	30.1	200	ug/Kg	12/03/25 16:06	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797

SURROGATES

367-12-4	2-Fluorophenol	57.5			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	88.9			10 - 103	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2			10 - 108	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.4			10 - 108	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	36.4			10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	49.2			10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	45100
1146-65-2	Naphthalene-d8	171000
15067-26-2	Acenaphthene-d10	84900
1517-22-2	Phenanthrene-d10	135000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	147000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 14:56	PB170797
108-95-2	Phenol	26.1	U	1	26.1	200	ug/Kg	12/03/25 14:56	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.7	U	1	28.7	200	ug/Kg	12/03/25 14:56	PB170797
95-57-8	2-Chlorophenol	28.8	U	1	28.8	200	ug/Kg	12/03/25 14:56	PB170797
95-48-7	2-Methylphenol	35.3	U	1	35.3	200	ug/Kg	12/03/25 14:56	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.3	U	1	44.3	200	ug/Kg	12/03/25 14:56	PB170797
98-86-2	Acetophenone	34.8	U	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
65794-96-9	3+4-Methylphenols	48.5	U	1	48.5	390	ug/Kg	12/03/25 14:56	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	1	55.9	94.4	ug/Kg	12/03/25 14:56	PB170797
67-72-1	Hexachloroethane	20.8	U	1	20.8	200	ug/Kg	12/03/25 14:56	PB170797
98-95-3	Nitrobenzene	21.6	U	1	21.6	200	ug/Kg	12/03/25 14:56	PB170797
78-59-1	Isophorone	38.7	U	1	38.7	200	ug/Kg	12/03/25 14:56	PB170797
88-75-5	2-Nitrophenol	68.7	U	1	68.7	200	ug/Kg	12/03/25 14:56	PB170797
105-67-9	2,4-Dimethylphenol	76.5	U	1	76.5	200	ug/Kg	12/03/25 14:56	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	1	36.3	200	ug/Kg	12/03/25 14:56	PB170797
120-83-2	2,4-Dichlorophenol	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
91-20-3	Naphthalene	310		1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
106-47-8	4-Chloroaniline	41.8	U	1	41.8	200	ug/Kg	12/03/25 14:56	PB170797
87-68-3	Hexachlorobutadiene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
105-60-2	Caprolactam	61.5	UQ	1	61.5	390	ug/Kg	12/03/25 14:56	PB170797
59-50-7	4-Chloro-3-methylphenol	33.9	U	1	33.9	200	ug/Kg	12/03/25 14:56	PB170797
91-57-6	2-Methylnaphthalene	340		1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 14:56	PB170797
88-06-2	2,4,6-Trichlorophenol	23.4	U	1	23.4	200	ug/Kg	12/03/25 14:56	PB170797
95-95-4	2,4,5-Trichlorophenol	34.3	U	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
92-52-4	1,1-Biphenyl	25.7	U	1	25.7	200	ug/Kg	12/03/25 14:56	PB170797
91-58-7	2-Chloronaphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 14:56	PB170797
88-74-4	2-Nitroaniline	56.8	U	1	56.8	200	ug/Kg	12/03/25 14:56	PB170797
131-11-3	Dimethylphthalate	32.0	U	1	32.0	200	ug/Kg	12/03/25 14:56	PB170797
208-96-8	Acenaphthylene	34.1	U	1	34.1	200	ug/Kg	12/03/25 14:56	PB170797
606-20-2	2,6-Dinitrotoluene	39.7	U	1	39.7	200	ug/Kg	12/03/25 14:56	PB170797
99-09-2	3-Nitroaniline	54.3	U	1	54.3	200	ug/Kg	12/03/25 14:56	PB170797
83-32-9	Acenaphthene	25.1	U	1	25.1	200	ug/Kg	12/03/25 14:56	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 14:56	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 14:56	PB170797
132-64-9	Dibenzofuran	26.8	U	1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
121-14-2	2,4-Dinitrotoluene	59.1	UQ	1	59.1	200	ug/Kg	12/03/25 14:56	PB170797
84-66-2	Diethylphthalate	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.5	U	1	31.5	200	ug/Kg	12/03/25 14:56	PB170797
86-73-7	Fluorene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
100-01-6	4-Nitroaniline	75.8	U	1	75.8	200	ug/Kg	12/03/25 14:56	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 14:56	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.8	U	1	38.8	200	ug/Kg	12/03/25 14:56	PB170797
101-55-3	4-Bromophenyl-phenylether	32.8	U	1	32.8	200	ug/Kg	12/03/25 14:56	PB170797
118-74-1	Hexachlorobenzene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
1912-24-9	Atrazine	40.1	U	1	40.1	200	ug/Kg	12/03/25 14:56	PB170797
87-86-5	Pentachlorophenol	60.5	U	1	60.5	390	ug/Kg	12/03/25 14:56	PB170797
85-01-8	Phenanthrene	310		1	24.7	200	ug/Kg	12/03/25 14:56	PB170797
120-12-7	Anthracene	39.3	U	1	39.3	200	ug/Kg	12/03/25 14:56	PB170797
86-74-8	Carbazole	36.8	U	1	36.8	200	ug/Kg	12/03/25 14:56	PB170797
84-74-2	Di-n-butylphthalate	56.5	U	1	56.5	200	ug/Kg	12/03/25 14:56	PB170797
206-44-0	Fluoranthene	320		1	35.4	200	ug/Kg	12/03/25 14:56	PB170797
129-00-0	Pyrene	290		1	42.5	200	ug/Kg	12/03/25 14:56	PB170797
85-68-7	Butylbenzylphthalate	84.3	U	1	84.3	200	ug/Kg	12/03/25 14:56	PB170797
91-94-1	3,3-Dichlorobenzidine	43.3	U	1	43.3	390	ug/Kg	12/03/25 14:56	PB170797
56-55-3	Benzo(a)anthracene	140	J	1	27.1	200	ug/Kg	12/03/25 14:56	PB170797
218-01-9	Chrysene	180	J	1	23.5	200	ug/Kg	12/03/25 14:56	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.9	U	1	69.9	200	ug/Kg	12/03/25 14:56	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 14:56	PB170797
205-99-2	Benzo(b)fluoranthene	180	J	1	22.4	200	ug/Kg	12/03/25 14:56	PB170797
207-08-9	Benzo(k)fluoranthene	26.4	U	1	26.4	200	ug/Kg	12/03/25 14:56	PB170797
50-32-8	Benzo(a)pyrene	140	J	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	78.7	J	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797
191-24-2	Benzo(g,h,i)perylene	100	J	1	30.3	200	ug/Kg	12/03/25 14:56	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	U	1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797

SURROGATES

367-12-4	2-Fluorophenol	29.7		10 - 105	20%	SPK: 150
13127-88-3	Phenol-d6	45.7		10 - 103	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2		10 - 108	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.7		10 - 116	16%	SPK: 150
1718-51-0	Terphenyl-d14	49.4		10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	320000
1146-65-2	Naphthalene-d8	1220000
15067-26-2	Acenaphthene-d10	711000
1517-22-2	Phenanthrene-d10	1220000
1719-03-5	Chrysene-d12	1260000
1520-96-3	Perylene-d12	1600000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.6
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.05 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 20:24	PB170797
108-95-2	Phenol	25.7	U	1	25.7	200	ug/Kg	12/03/25 20:24	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.2	U	1	28.2	200	ug/Kg	12/03/25 20:24	PB170797
95-57-8	2-Chlorophenol	28.3	U	1	28.3	200	ug/Kg	12/03/25 20:24	PB170797
95-48-7	2-Methylphenol	34.7	U	1	34.7	200	ug/Kg	12/03/25 20:24	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.5	U	1	43.5	200	ug/Kg	12/03/25 20:24	PB170797
98-86-2	Acetophenone	34.3	U	1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
65794-96-9	3+4-Methylphenols	47.7	U	1	47.7	380	ug/Kg	12/03/25 20:24	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.0	U	1	55.0	92.9	ug/Kg	12/03/25 20:24	PB170797
67-72-1	Hexachloroethane	20.4	U	1	20.4	200	ug/Kg	12/03/25 20:24	PB170797
98-95-3	Nitrobenzene	21.2	U	1	21.2	200	ug/Kg	12/03/25 20:24	PB170797
78-59-1	Isophorone	38.1	U	1	38.1	200	ug/Kg	12/03/25 20:24	PB170797
88-75-5	2-Nitrophenol	67.6	U	1	67.6	200	ug/Kg	12/03/25 20:24	PB170797
105-67-9	2,4-Dimethylphenol	75.2	U	1	75.2	200	ug/Kg	12/03/25 20:24	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.8	U	1	35.8	200	ug/Kg	12/03/25 20:24	PB170797
120-83-2	2,4-Dichlorophenol	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
91-20-3	Naphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
106-47-8	4-Chloroaniline	41.1	U	1	41.1	200	ug/Kg	12/03/25 20:24	PB170797
87-68-3	Hexachlorobutadiene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
105-60-2	Caprolactam	60.5	UQ	1	60.5	380	ug/Kg	12/03/25 20:24	PB170797
59-50-7	4-Chloro-3-methylphenol	33.3	U	1	33.3	200	ug/Kg	12/03/25 20:24	PB170797
91-57-6	2-Methylnaphthalene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 20:24	PB170797
88-06-2	2,4,6-Trichlorophenol	23.0	U	1	23.0	200	ug/Kg	12/03/25 20:24	PB170797
95-95-4	2,4,5-Trichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
92-52-4	1,1-Biphenyl	25.3	U	1	25.3	200	ug/Kg	12/03/25 20:24	PB170797
91-58-7	2-Chloronaphthalene	26.1	U	1	26.1	200	ug/Kg	12/03/25 20:24	PB170797
88-74-4	2-Nitroaniline	55.8	U	1	55.8	200	ug/Kg	12/03/25 20:24	PB170797
131-11-3	Dimethylphthalate	31.5	U	1	31.5	200	ug/Kg	12/03/25 20:24	PB170797
208-96-8	Acenaphthylene	33.6	U	1	33.6	200	ug/Kg	12/03/25 20:24	PB170797
606-20-2	2,6-Dinitrotoluene	39.0	U	1	39.0	200	ug/Kg	12/03/25 20:24	PB170797
99-09-2	3-Nitroaniline	53.4	U	1	53.4	200	ug/Kg	12/03/25 20:24	PB170797
83-32-9	Acenaphthene	24.7	U	1	24.7	200	ug/Kg	12/03/25 20:24	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	380	ug/Kg	12/03/25 20:24	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797
132-64-9	Dibenzofuran	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
121-14-2	2,4-Dinitrotoluene	58.2	UQ	1	58.2	200	ug/Kg	12/03/25 20:24	PB170797
84-66-2	Diethylphthalate	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.0	U	1	31.0	200	ug/Kg	12/03/25 20:24	PB170797
86-73-7	Fluorene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
100-01-6	4-Nitroaniline	74.5	U	1	74.5	200	ug/Kg	12/03/25 20:24	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.2	U	1	38.2	200	ug/Kg	12/03/25 20:24	PB170797
101-55-3	4-Bromophenyl-phenylether	32.3	U	1	32.3	200	ug/Kg	12/03/25 20:24	PB170797
118-74-1	Hexachlorobenzene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
1912-24-9	Atrazine	39.5	U	1	39.5	200	ug/Kg	12/03/25 20:24	PB170797
87-86-5	Pentachlorophenol	59.6	U	1	59.6	380	ug/Kg	12/03/25 20:24	PB170797
85-01-8	Phenanthrene	420		1	24.3	200	ug/Kg	12/03/25 20:24	PB170797
120-12-7	Anthracene	38.7	U	1	38.7	200	ug/Kg	12/03/25 20:24	PB170797
86-74-8	Carbazole	36.2	U	1	36.2	200	ug/Kg	12/03/25 20:24	PB170797
84-74-2	Di-n-butylphthalate	55.6	U	1	55.6	200	ug/Kg	12/03/25 20:24	PB170797
206-44-0	Fluoranthene	420		1	34.8	200	ug/Kg	12/03/25 20:24	PB170797
129-00-0	Pyrene	420		1	41.8	200	ug/Kg	12/03/25 20:24	PB170797
85-68-7	Butylbenzylphthalate	82.9	U	1	82.9	200	ug/Kg	12/03/25 20:24	PB170797
91-94-1	3,3-Dichlorobenzidine	42.6	U	1	42.6	380	ug/Kg	12/03/25 20:24	PB170797
56-55-3	Benzo(a)anthracene	250		1	26.7	200	ug/Kg	12/03/25 20:24	PB170797
218-01-9	Chrysene	270		1	23.1	200	ug/Kg	12/03/25 20:24	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.7	U	1	68.7	200	ug/Kg	12/03/25 20:24	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 20:24	PB170797
205-99-2	Benzo(b)fluoranthene	310		1	22.1	200	ug/Kg	12/03/25 20:24	PB170797
207-08-9	Benzo(k)fluoranthene	120	J	1	26.0	200	ug/Kg	12/03/25 20:24	PB170797
50-32-8	Benzo(a)pyrene	280		1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797
191-24-2	Benzo(g,h,i)perylene	170	J	1	29.8	200	ug/Kg	12/03/25 20:24	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797

SURROGATES

367-12-4	2-Fluorophenol	56.6			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	76.5			10 - 103	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.6			10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.0			10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	41.5			10 - 116	28%	SPK: 150
1718-51-0	Terphenyl-d14	53.5			10 - 109	54%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	317000
1146-65-2	Naphthalene-d8	1280000
15067-26-2	Acenaphthene-d10	788000
1517-22-2	Phenanthrene-d10	1230000
1719-03-5	Chrysene-d12	1200000
1520-96-3	Perylene-d12	1570000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.9
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.08 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170797BL	PB170797BL	2-Fluorophenol	150	131	87		10	105
		Phenol-d6	150	121	80		10	103
		Nitrobenzene-d5	100	86.9	87		10	108
		2-Fluorobiphenyl	100	93.0	93		10	108
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	96.9	97		10	109
PB170797BS	PB170797BS	2-Fluorophenol	150	116	78		10	105
		Phenol-d6	150	111	74		10	103
		Nitrobenzene-d5	100	75.9	76		10	108
		2-Fluorobiphenyl	100	84.9	85		10	108
		2,4,6-Tribromophenol	150	116	77		10	116
		Terphenyl-d14	100	79.1	79		10	109
Q3741-01	B50-SP3-111925	2-Fluorophenol	150	39.3	26		10	105
		Phenol-d6	150	38.5	26		10	103
		Nitrobenzene-d5	100	28.2	28		10	108
		2-Fluorobiphenyl	100	31.0	31		10	108
		2,4,6-Tribromophenol	150	34.2	23		10	116
		Terphenyl-d14	100	22.5	22		10	109
Q3741-02	B50-SP13-112025	2-Fluorophenol	150	36.2	24		10	105
		Phenol-d6	150	36.4	24		10	103
		Nitrobenzene-d5	100	25.9	26		10	108
		2-Fluorobiphenyl	100	26.8	27		10	108
		2,4,6-Tribromophenol	150	32.1	21		10	116
		Terphenyl-d14	100	20.6	21		10	109
Q3741-03	B50-SP14-112025	2-Fluorophenol	150	52.4	35		10	105
		Phenol-d6	150	70.7	47		10	103
		Nitrobenzene-d5	100	48.7	49		10	108
		2-Fluorobiphenyl	100	51.4	51		10	108
		2,4,6-Tribromophenol	150	31.9	21		10	116
		Terphenyl-d14	100	44.4	44		10	109
Q3741-04	B50-SP9-112425	2-Fluorophenol	150	57.5	38		10	105
		Phenol-d6	150	88.9	59		10	103
		Nitrobenzene-d5	100	64.2	64		10	108
		2-Fluorobiphenyl	100	68.4	68		10	108
		2,4,6-Tribromophenol	150	36.4	24		10	116
		Terphenyl-d14	100	49.2	49		10	109
Q3741-05	B50-SP11-112525	2-Fluorophenol	150	29.7	20		10	105
		Phenol-d6	150	45.7	30		10	103
		Nitrobenzene-d5	100	48.2	48		10	108
		2-Fluorobiphenyl	100	52.2	52		10	108
		2,4,6-Tribromophenol	150	23.7	16		10	116
		Terphenyl-d14	100	49.4	49		10	109
Q3741-06	B50-SP4-112525	2-Fluorophenol	150	56.6	38		10	105
		Phenol-d6	150	76.5	51		10	103
		Nitrobenzene-d5	100	53.6	54		10	108
		2-Fluorobiphenyl	100	59.0	59		10	108
		2,4,6-Tribromophenol	150	41.5	28		10	116
		Terphenyl-d14	100	53.5	54		10	109
Q3741-06MS	B50-SP4-112525MS	2-Fluorophenol	150	59.1	39		10	105
		Phenol-d6	150	79.0	53		10	103
		Nitrobenzene-d5	100	56.4	56		10	108

Surrogate Summary

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-06MS	B50-SP4-112525MS	2-Fluorobiphenyl	100	60.6	61		10	108
		2,4,6-Tribromophenol	150	50.8	34		10	116
		Terphenyl-d14	100	63.6	64		10	109
Q3741-06MSD	B50-SP4-112525MSD	2-Fluorophenol	150	55.1	37		10	105
		Phenol-d6	150	72.3	48		10	103
		Nitrobenzene-d5	100	53.8	54		10	108
		2-Fluorobiphenyl	100	58.6	59		10	108
		2,4,6-Tribromophenol	150	48.5	32		10	116
		Terphenyl-d14	100	57.3	57		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3741-06MS		Client Sample ID: B50-SP4-112525MS									
Benzaldehyde	1900	0	2100	ug/Kg	111				20	111	
Phenol	1900	0	1700	ug/Kg	89				51	122	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				67	110	
2-Chlorophenol	1900	0	1800	ug/Kg	95				67	119	
2-Methylphenol	1900	0	1700	ug/Kg	89				68	116	
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84				59	113	
Acetophenone	1900	0	1700	ug/Kg	89				55	128	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				70	111	
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84				59	119	
Hexachloroethane	1900	0	1700	ug/Kg	89				65	115	
Nitrobenzene	1900	0	1700	ug/Kg	89				66	120	
Isophorone	1900	0	1600	ug/Kg	84				67	113	
2-Nitrophenol	1900	0	1800	ug/Kg	95				69	135	
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89				63	151	
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84				70	112	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				70	121	
Naphthalene	1900	0	1700	ug/Kg	89				66	113	
4-Chloroaniline	1900	0	370	ug/Kg	19				10	100	
Hexachlorobutadiene	1900	0	1800	ug/Kg	95				67	118	
Caprolactam	1900	0	1400	ug/Kg	74				51	134	
4-Chloro-3-methylphenol	1900	0	1700	ug/Kg	89				71	118	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	3900	0	3200	ug/Kg	82				16	175	
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95				69	123	
1,1-Biphenyl	1900	0	1800	ug/Kg	95				69	126	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				71	113	
2-Nitroaniline	1900	0	1700	ug/Kg	89				73	125	
Dimethylphthalate	1900	0	1700	ug/Kg	89				72	116	
Acenaphthylene	1900	0	1800	ug/Kg	95				69	128	
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100				67	141	
3-Nitroaniline	1900	0	540	ug/Kg	28				28	102	
Acenaphthene	1900	0	1700	ug/Kg	89				70	121	
2,4-Dinitrophenol	3900	0	2800	ug/Kg	72				10	164	
4-Nitrophenol	3900	0	2800	ug/Kg	72				49	133	
Dibenzofuran	1900	0	1800	ug/Kg	95				71	111	
2,4-Dinitrotoluene	1900	0	1700	ug/Kg	89				73	130	
Diethylphthalate	1900	0	1700	ug/Kg	89				73	116	
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89				72	112	
Fluorene	1900	0	1700	ug/Kg	89				67	114	
4-Nitroaniline	1900	0	1200	ug/Kg	63				61	128	
4,6-Dinitro-2-methylphenol	1900	0	1600	ug/Kg	84				25	163	
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900	0	2000	ug/Kg	105				67	118	
Atrazine	1900	0	1800	ug/Kg	95				79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	3600	ug/Kg	92				39	145	
Phenanthrene	1900	420	2200	ug/Kg	94				52	128	
Anthracene	1900	0	1900	ug/Kg	100				62	124	
Carbazole	1900	0	1700	ug/Kg	89				73	115	
Di-n-butylphthalate	1900	0	1800	ug/Kg	95				72	129	
Fluoranthene	1900	420	2100	ug/Kg	88				31	152	
Pyrene	1900	420	2300	ug/Kg	99				37	122	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				59	151	
3,3-Dichlorobenzidine	1900	0	690	ug/Kg	36				10	116	
Benzo(a)anthracene	1900	250	2000	ug/Kg	92				53	119	
Chrysene	1900	270	2100	ug/Kg	96				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95				64	139	
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89				51	156	
Benzo(b)fluoranthene	1900	310	2100	ug/Kg	94				52	117	
Benzo(k)fluoranthene	1900	120	2000	ug/Kg	99				57	134	
Benzo(a)pyrene	1900	280	2100	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	1900	140	2000	ug/Kg	98				48	129	
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96				40	133	
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100				65	132	
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95				56	141	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3741-06MSD		Client Sample ID: B50-SP4-112525MSD									
Benzaldehyde	1900	0	2000	ug/Kg	105		6		20	111	20
Phenol	1900	0	1600	ug/Kg	84		6		51	122	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		6		67	110	20
2-Chlorophenol	1900	0	1600	ug/Kg	84		12		67	119	20
2-Methylphenol	1900	0	1600	ug/Kg	84		6		68	116	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79		6		59	113	20
Acetophenone	1900	0	1600	ug/Kg	84		6		55	128	20
3+4-Methylphenols	1900	0	1500	ug/Kg	79		12		70	111	20
N-Nitroso-di-n-propylamine	1900	0	1500	ug/Kg	79		6		59	119	20
Hexachloroethane	1900	0	1700	ug/Kg	89		0		65	115	20
Nitrobenzene	1900	0	1600	ug/Kg	84		6		66	120	20
Isophorone	1900	0	1500	ug/Kg	79		6		67	113	20
2-Nitrophenol	1900	0	1700	ug/Kg	89		7		69	135	16
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84		6		63	151	20
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84		0		70	112	20
2,4-Dichlorophenol	1900	0	1600	ug/Kg	84		12		70	121	20
Naphthalene	1900	0	1600	ug/Kg	84		6		66	113	20
4-Chloroaniline	1900	0	360	ug/Kg	19		0		10	100	25
Hexachlorobutadiene	1900	0	1800	ug/Kg	95		0		67	118	16
Caprolactam	1900	0	1300	ug/Kg	68		8		51	134	25
4-Chloro-3-methylphenol	1900	0	1500	ug/Kg	79		12		71	118	20
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		6		59	123	20
Hexachlorocyclopentadiene	3900	0	3400	ug/Kg	87		6		16	175	20
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95		5		67	128	16
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95		0		69	123	16
1,1-Biphenyl	1900	0	1800	ug/Kg	95		0		69	126	20
2-Chloronaphthalene	1900	0	1700	ug/Kg	89		7		71	113	20
2-Nitroaniline	1900	0	1600	ug/Kg	84		6		73	125	16
Dimethylphthalate	1900	0	1700	ug/Kg	89		0		72	116	20
Acenaphthylene	1900	0	1800	ug/Kg	95		0		69	128	15
2,6-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		67	141	20
3-Nitroaniline	1900	0	570	ug/Kg	30		7		28	102	20
Acenaphthene	1900	0	1700	ug/Kg	89		0		70	121	16
2,4-Dinitrophenol	3900	0	3000	ug/Kg	77		7		10	164	30
4-Nitrophenol	3900	0	2700	ug/Kg	69		4		49	133	20
Dibenzofuran	1900	0	1700	ug/Kg	89		7		71	111	20
2,4-Dinitrotoluene	1900	0	1600	ug/Kg	84		6		73	130	20
Diethylphthalate	1900	0	1600	ug/Kg	84		6		73	116	20
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89		0		72	112	20
Fluorene	1900	0	1700	ug/Kg	89		0		67	114	20
4-Nitroaniline	1900	0	1100	ug/Kg	58	*	8		61	128	20
4,6-Dinitro-2-methylphenol	1900	0	1700	ug/Kg	89		6		25	163	30
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95		5		73	118	20
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100		5		65	121	20
Hexachlorobenzene	1900	0	1900	ug/Kg	100		5		67	118	20
Atrazine	1900	0	1700	ug/Kg	89		7		79	127	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	3500	ug/Kg	90		2		39	145	20
Phenanthrene	1900	420	2100	ug/Kg	88		7		52	128	20
Anthracene	1900	0	1800	ug/Kg	95		5		62	124	20
Carbazole	1900	0	1700	ug/Kg	89		0		73	115	20
Di-n-butylphthalate	1900	0	1700	ug/Kg	89		7		72	129	20
Fluoranthene	1900	420	2100	ug/Kg	88		0		31	152	20
Pyrene	1900	420	2100	ug/Kg	88		12		37	122	27
Butylbenzylphthalate	1900	0	1700	ug/Kg	89		12		59	151	20
3,3-Dichlorobenzidine	1900	0	630	ug/Kg	33		9		10	116	20
Benzo(a)anthracene	1900	250	1900	ug/Kg	87		6		53	119	20
Chrysene	1900	270	1900	ug/Kg	86		11		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1700	ug/Kg	89		7		64	139	20
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89		0		51	156	20
Benzo(b)fluoranthene	1900	310	2000	ug/Kg	89		5		52	117	20
Benzo(k)fluoranthene	1900	120	1800	ug/Kg	88		12		57	134	20
Benzo(a)pyrene	1900	280	2000	ug/Kg	91		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	140	1900	ug/Kg	93		5		48	129	20
Dibenz(a,h)anthracene	1900	0	1800	ug/Kg	95		5		43	123	20
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96		0		40	133	20
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100		0		65	132	20
2,3,4,6-Tetrachlorophenol	1900	0	1700	ug/Kg	89		7		56	141	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method:

8270E

Client: Core Environmental Consultants and Services, Inc.

DataFile:

BP026226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170797BS	Benzaldehyde	1700	970	ug/Kg	57				10	133	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1300	ug/Kg	76				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				75	113	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				61	130	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	700	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				68	108	
	Caprolactam	1700	1100	ug/Kg	65		*		67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				74	106	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70	103	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				76	101	
	Acenaphthylene	1700	1400	ug/Kg	82				76	111	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				78	116	
	3-Nitroaniline	1700	970	ug/Kg	57				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				73	105	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				59	137	
	4-Nitrophenol	3300	2200	ug/Kg	67				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76		*		78	115	
	Diethylphthalate	1700	1300	ug/Kg	76				76	104	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1100	ug/Kg	65				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3741</u>	Analytical Method: <u>8270E</u>
Client: <u>Core Environmental Consultants and Services, Inc.</u>	DataFile: <u>BP026226.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170797BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1400	ug/Kg	82				71	122	
	Pentachlorophenol	3300	2900	ug/Kg	88				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Carbazole	1700	1400	ug/Kg	82				76	103	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				75	120	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				31	94	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				77	113	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				76	110	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				71	118	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170797BL

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Lab File ID: BP026225.D Lab Sample ID: PB170797BL

Instrument ID: BNA_P Date Extracted: 12/03/2025

Matrix: (soil/water) SOIL Date Analyzed: 12/03/2025

Level: (low/med) LOW Time Analyzed: 13:34

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170797BS	PB170797BS	BP026226.D	12/03/2025
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144414.D
Instrument ID: BNA_F

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 12/03/2025
DFTPP Injection Time: 11:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.7) 1
69	Mass 69 relative abundance	16.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	3.8
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144415.D	12/03/2025	12:25
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025	14:08
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025	15:07
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025	15:36
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025	16:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026142.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	88.7
443	15.0 - 24.0% of mass 442	17.3 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026223.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 12/03/2025
DFTPP Injection Time: 12:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026224.D	12/03/2025	12:53
PB170797BL	PB170797BL	BP026225.D	12/03/2025	13:34
PB170797BS	PB170797BS	BP026226.D	12/03/2025	14:15
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025	14:56
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025	20:24
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025	21:05
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025	21:46

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID : SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BF144415.D

Time Analyzed: 12:25

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58261	6.863	220069	8.15	120401	9.90
UPPER LIMIT	116522	7.363	440138	8.645	240802	10.404
LOWER LIMIT	29130.5	6.363	110035	7.645	60200.5	9.404
EPA SAMPLE NO.						
01 B50-SP14-112025	52469	6.86	193698	8.14	103555	9.90
02 B50-SP3-111925	81142	6.86	286107	8.15	142110	9.90
03 B50-SP13-112025	88360	6.86	321604	8.15	169125	9.90
04 B50-SP9-112425	45091	6.86	171081	8.15	84880	9.90

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID: SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BF144415.D

Time Analyzed: 12:25

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	192871	11.392	142815	14.045	191200	15.527
UPPER LIMIT	385742	11.892	285630	14.545	382400	16.027
LOWER LIMIT	96435.5	10.892	71407.5	13.545	95600	15.027
EPA SAMPLE NO.						
01 B50-SP14-112025	160944	11.39	122787	14.05	158132	15.53
02 B50-SP3-111925	237809	11.39	247413	14.05	282719	15.53
03 B50-SP13-112025	275703	11.39	255767	14.05	296885	15.53
04 B50-SP9-112425	134914	11.39	128244	14.05	147094	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID : SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BP026224.D

Time Analyzed: 12:53

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	366422	7.66	1506570	10.42	920814	14.28
UPPER LIMIT	732844	8.16	3013140	10.919	1841630	14.778
LOWER LIMIT	183211	7.16	753285	9.919	460407	13.778
EPA SAMPLE NO.						
01 PB170797BL	285794	7.66	1072100	10.42	645861	14.29
02 PB170797BS	297525	7.66	1147080	10.42	649211	14.29
03 B50-SP11-112525	319635	7.66	1223620	10.42	711475	14.29
04 B50-SP4-112525	316661	7.66	1283090	10.43	788396	14.28
05 B50-SP4-112525MS	313434	7.66	1249990	10.43	745833	14.28
06 B50-SP4-112525MSD	295680	7.66	1135350	10.42	627837	14.28

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID: SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BP026224.D

Time Analyzed: 12:53

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1659590	17.084	1437930	21.542	1741660	24.836
UPPER LIMIT	3319180	17.584	2875860	22.042	3483320	25.336
LOWER LIMIT	829795	16.584	718965	21.042	870830	24.336
EPA SAMPLE NO.						
01 PB170797BL	1175120	17.09	1097050	21.54	1301680	24.83
02 PB170797BS	1165560	17.10	1286130	21.55	1348430	24.84
03 B50-SP11-112525	1217450	17.10	1263320	21.53	1598660	24.83
04 B50-SP4-112525	1231670	17.09	1204290	21.53	1573380	24.82
05 B50-SP4-112525MS	1318460	17.08	1246070	21.53	1484000	24.82
06 B50-SP4-112525MSD	1150580	17.08	1237510	21.54	1496010	24.83

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BL
Lab Sample ID: PB170797BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	12/03/25 13:34	PB170797
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/03/25 13:34	PB170797
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/03/25 13:34	PB170797
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/03/25 13:34	PB170797
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/03/25 13:34	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/03/25 13:34	PB170797
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/03/25 13:34	PB170797
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	12/03/25 13:34	PB170797
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/03/25 13:34	PB170797
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/03/25 13:34	PB170797
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/03/25 13:34	PB170797
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	12/03/25 13:34	PB170797
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/03/25 13:34	PB170797
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/03/25 13:34	PB170797
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/03/25 13:34	PB170797
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/03/25 13:34	PB170797
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/03/25 13:34	PB170797
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/03/25 13:34	PB170797
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/03/25 13:34	PB170797
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/03/25 13:34	PB170797
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/03/25 13:34	PB170797
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/03/25 13:34	PB170797
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/03/25 13:34	PB170797
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/03/25 13:34	PB170797
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/03/25 13:34	PB170797
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/03/25 13:34	PB170797
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/03/25 13:34	PB170797
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/03/25 13:34	PB170797
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/03/25 13:34	PB170797
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/03/25 13:34	PB170797
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/03/25 13:34	PB170797
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	12/03/25 13:34	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/03/25 13:34	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BL
Lab Sample ID: PB170797BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/03/25 13:34	PB170797
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/03/25 13:34	PB170797
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/03/25 13:34	PB170797
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/03/25 13:34	PB170797
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/03/25 13:34	PB170797
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/03/25 13:34	PB170797
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/03/25 13:34	PB170797
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/03/25 13:34	PB170797
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/03/25 13:34	PB170797
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/03/25 13:34	PB170797
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/03/25 13:34	PB170797
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/03/25 13:34	PB170797
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/03/25 13:34	PB170797
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/03/25 13:34	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/03/25 13:34	PB170797
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	12/03/25 13:34	PB170797
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/03/25 13:34	PB170797
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/03/25 13:34	PB170797
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/03/25 13:34	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797

SURROGATES

367-12-4	2-Fluorophenol	131		10 - 105	87%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 103	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		10 - 108	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.0		10 - 108	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	96.9		10 - 109	97%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	286000
1146-65-2	Naphthalene-d8	1070000
15067-26-2	Acenaphthene-d10	646000
1517-22-2	Phenanthrene-d10	1180000
1719-03-5	Chrysene-d12	1100000
1520-96-3	Perylene-d12	1300000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170797BL	SDG No.:	Q3741
Lab Sample ID:	PB170797BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BS
Lab Sample ID: PB170797BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	970		1	160	330	ug/Kg	12/03/25 14:15	PB170797
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	12/03/25 14:15	PB170797
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	12/03/25 14:15	PB170797
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/03/25 14:15	PB170797
95-48-7	2-Methylphenol	1300		1	29.9	170	ug/Kg	12/03/25 14:15	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	12/03/25 14:15	PB170797
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
65794-96-9	3+4-Methylphenols	1300		1	41.1	330	ug/Kg	12/03/25 14:15	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1200		1	47.4	79.9	ug/Kg	12/03/25 14:15	PB170797
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/03/25 14:15	PB170797
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	12/03/25 14:15	PB170797
78-59-1	Isophorone	1300		1	32.8	170	ug/Kg	12/03/25 14:15	PB170797
88-75-5	2-Nitrophenol	1400		1	58.1	170	ug/Kg	12/03/25 14:15	PB170797
105-67-9	2,4-Dimethylphenol	1300		1	64.7	170	ug/Kg	12/03/25 14:15	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	170	ug/Kg	12/03/25 14:15	PB170797
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
106-47-8	4-Chloroaniline	700		1	35.4	170	ug/Kg	12/03/25 14:15	PB170797
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
105-60-2	Caprolactam	1100		1	52.0	330	ug/Kg	12/03/25 14:15	PB170797
59-50-7	4-Chloro-3-methylphenol	1300		1	28.7	170	ug/Kg	12/03/25 14:15	PB170797
91-57-6	2-Methylnaphthalene	1200		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
77-47-4	Hexachlorocyclopentadiene	2600		1	120	330	ug/Kg	12/03/25 14:15	PB170797
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	12/03/25 14:15	PB170797
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	12/03/25 14:15	PB170797
91-58-7	2-Chloronaphthalene	1500		1	22.5	170	ug/Kg	12/03/25 14:15	PB170797
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	12/03/25 14:15	PB170797
131-11-3	Dimethylphthalate	1300		1	27.1	170	ug/Kg	12/03/25 14:15	PB170797
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	12/03/25 14:15	PB170797
606-20-2	2,6-Dinitrotoluene	1500		1	33.6	170	ug/Kg	12/03/25 14:15	PB170797
99-09-2	3-Nitroaniline	970		1	46.0	170	ug/Kg	12/03/25 14:15	PB170797
83-32-9	Acenaphthene	1400		1	21.3	170	ug/Kg	12/03/25 14:15	PB170797
51-28-5	2,4-Dinitrophenol	2700	E	1	230	330	ug/Kg	12/03/25 14:15	PB170797
100-02-7	4-Nitrophenol	2200		1	110	330	ug/Kg	12/03/25 14:15	PB170797
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
121-14-2	2,4-Dinitrotoluene	1300		1	50.0	170	ug/Kg	12/03/25 14:15	PB170797
84-66-2	Diethylphthalate	1300		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	12/03/25 14:15	PB170797
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
100-01-6	4-Nitroaniline	1100		1	64.1	170	ug/Kg	12/03/25 14:15	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	12/03/25 14:15	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BS
Lab Sample ID: PB170797BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	12/03/25 14:15	PB170797
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	12/03/25 14:15	PB170797
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	12/03/25 14:15	PB170797
87-86-5	Pentachlorophenol	2900	E	1	51.2	330	ug/Kg	12/03/25 14:15	PB170797
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	12/03/25 14:15	PB170797
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	12/03/25 14:15	PB170797
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	12/03/25 14:15	PB170797
84-74-2	Di-n-butylphthalate	1400		1	47.9	170	ug/Kg	12/03/25 14:15	PB170797
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	12/03/25 14:15	PB170797
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	12/03/25 14:15	PB170797
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	12/03/25 14:15	PB170797
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	12/03/25 14:15	PB170797
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/03/25 14:15	PB170797
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	12/03/25 14:15	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	12/03/25 14:15	PB170797
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	12/03/25 14:15	PB170797
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	12/03/25 14:15	PB170797
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	12/03/25 14:15	PB170797
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	12/03/25 14:15	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1400		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797

SURROGATES

367-12-4	2-Fluorophenol	116		10 - 105	78%	SPK: 150
13127-88-3	Phenol-d6	111		10 - 103	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9		10 - 108	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.9		10 - 108	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		10 - 116	77%	SPK: 150
1718-51-0	Terphenyl-d14	79.1		10 - 109	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	298000
1146-65-2	Naphthalene-d8	1150000
15067-26-2	Acenaphthene-d10	649000
1517-22-2	Phenanthrene-d10	1170000
1719-03-5	Chrysene-d12	1290000
1520-96-3	Perylene-d12	1350000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170797BS	SDG No.:	Q3741
Lab Sample ID:	PB170797BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MS
Lab Sample ID: Q3741-06MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	180	380	ug/Kg	12/03/25 21:05	PB170797
108-95-2	Phenol	1700		1	25.7	200	ug/Kg	12/03/25 21:05	PB170797
111-44-4	bis(2-Chloroethyl)ether	1700		1	28.2	200	ug/Kg	12/03/25 21:05	PB170797
95-57-8	2-Chlorophenol	1800		1	28.3	200	ug/Kg	12/03/25 21:05	PB170797
95-48-7	2-Methylphenol	1700		1	34.7	200	ug/Kg	12/03/25 21:05	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	43.6	200	ug/Kg	12/03/25 21:05	PB170797
98-86-2	Acetophenone	1700		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
65794-96-9	3+4-Methylphenols	1700		1	47.7	380	ug/Kg	12/03/25 21:05	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1600		1	55.1	92.9	ug/Kg	12/03/25 21:05	PB170797
67-72-1	Hexachloroethane	1700		1	20.4	200	ug/Kg	12/03/25 21:05	PB170797
98-95-3	Nitrobenzene	1700		1	21.3	200	ug/Kg	12/03/25 21:05	PB170797
78-59-1	Isophorone	1600		1	38.1	200	ug/Kg	12/03/25 21:05	PB170797
88-75-5	2-Nitrophenol	1800		1	67.6	200	ug/Kg	12/03/25 21:05	PB170797
105-67-9	2,4-Dimethylphenol	1700		1	75.3	200	ug/Kg	12/03/25 21:05	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:05	PB170797
120-83-2	2,4-Dichlorophenol	1800		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
91-20-3	Naphthalene	1700		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
106-47-8	4-Chloroaniline	370		1	41.1	200	ug/Kg	12/03/25 21:05	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
105-60-2	Caprolactam	1400		1	60.5	380	ug/Kg	12/03/25 21:05	PB170797
59-50-7	4-Chloro-3-methylphenol	1700		1	33.3	200	ug/Kg	12/03/25 21:05	PB170797
91-57-6	2-Methylnaphthalene	1600		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
77-47-4	Hexachlorocyclopentadiene	3200	E	1	130	380	ug/Kg	12/03/25 21:05	PB170797
88-06-2	2,4,6-Trichlorophenol	1900		1	23.0	200	ug/Kg	12/03/25 21:05	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.3	200	ug/Kg	12/03/25 21:05	PB170797
91-58-7	2-Chloronaphthalene	1800		1	26.1	200	ug/Kg	12/03/25 21:05	PB170797
88-74-4	2-Nitroaniline	1700		1	55.9	200	ug/Kg	12/03/25 21:05	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:05	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:05	PB170797
606-20-2	2,6-Dinitrotoluene	1900		1	39.0	200	ug/Kg	12/03/25 21:05	PB170797
99-09-2	3-Nitroaniline	540		1	53.4	200	ug/Kg	12/03/25 21:05	PB170797
83-32-9	Acenaphthene	1700		1	24.7	200	ug/Kg	12/03/25 21:05	PB170797
51-28-5	2,4-Dinitrophenol	2800		1	270	380	ug/Kg	12/03/25 21:05	PB170797
100-02-7	4-Nitrophenol	2800		1	120	380	ug/Kg	12/03/25 21:05	PB170797
132-64-9	Dibenzofuran	1800		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
121-14-2	2,4-Dinitrotoluene	1700		1	58.2	200	ug/Kg	12/03/25 21:05	PB170797
84-66-2	Diethylphthalate	1700		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.0	200	ug/Kg	12/03/25 21:05	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
100-01-6	4-Nitroaniline	1200		1	74.6	200	ug/Kg	12/03/25 21:05	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	120	380	ug/Kg	12/03/25 21:05	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MS
Lab Sample ID: Q3741-06MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	38.2	200	ug/Kg	12/03/25 21:05	PB170797
101-55-3	4-Bromophenyl-phenylether	2000		1	32.3	200	ug/Kg	12/03/25 21:05	PB170797
118-74-1	Hexachlorobenzene	2000		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
1912-24-9	Atrazine	1800		1	39.5	200	ug/Kg	12/03/25 21:05	PB170797
87-86-5	Pentachlorophenol	3600	E	1	59.6	380	ug/Kg	12/03/25 21:05	PB170797
85-01-8	Phenanthrene	2200		1	24.3	200	ug/Kg	12/03/25 21:05	PB170797
120-12-7	Anthracene	1900		1	38.7	200	ug/Kg	12/03/25 21:05	PB170797
86-74-8	Carbazole	1700		1	36.2	200	ug/Kg	12/03/25 21:05	PB170797
84-74-2	Di-n-butylphthalate	1800		1	55.6	200	ug/Kg	12/03/25 21:05	PB170797
206-44-0	Fluoranthene	2100		1	34.8	200	ug/Kg	12/03/25 21:05	PB170797
129-00-0	Pyrene	2300		1	41.8	200	ug/Kg	12/03/25 21:05	PB170797
85-68-7	Butylbenzylphthalate	1900		1	82.9	200	ug/Kg	12/03/25 21:05	PB170797
91-94-1	3,3-Dichlorobenzidine	690		1	42.6	380	ug/Kg	12/03/25 21:05	PB170797
56-55-3	Benzo(a)anthracene	2000		1	26.7	200	ug/Kg	12/03/25 21:05	PB170797
218-01-9	Chrysene	2100		1	23.1	200	ug/Kg	12/03/25 21:05	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	68.8	200	ug/Kg	12/03/25 21:05	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:05	PB170797
205-99-2	Benzo(b)fluoranthene	2100		1	22.1	200	ug/Kg	12/03/25 21:05	PB170797
207-08-9	Benzo(k)fluoranthene	2000		1	26.0	200	ug/Kg	12/03/25 21:05	PB170797
50-32-8	Benzo(a)pyrene	2100		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
53-70-3	Dibenzo(a,h)anthracene	1900		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.8	200	ug/Kg	12/03/25 21:05	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797

SURROGATES

367-12-4	2-Fluorophenol	59.1		10 - 105	39%	SPK: 150
13127-88-3	Phenol-d6	79.0		10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.4		10 - 108	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.6		10 - 108	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	50.8		10 - 116	34%	SPK: 150
1718-51-0	Terphenyl-d14	63.6		10 - 109	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	313000
1146-65-2	Naphthalene-d8	1250000
15067-26-2	Acenaphthene-d10	746000
1517-22-2	Phenanthrene-d10	1320000
1719-03-5	Chrysene-d12	1250000
1520-96-3	Perylene-d12	1480000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MS	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.9
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MSD
Lab Sample ID: Q3741-06MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2000		1	180	380	ug/Kg	12/03/25 21:46	PB170797
108-95-2	Phenol	1600		1	25.7	200	ug/Kg	12/03/25 21:46	PB170797
111-44-4	bis(2-Chloroethyl)ether	1600		1	28.3	200	ug/Kg	12/03/25 21:46	PB170797
95-57-8	2-Chlorophenol	1600		1	28.4	200	ug/Kg	12/03/25 21:46	PB170797
95-48-7	2-Methylphenol	1600		1	34.8	200	ug/Kg	12/03/25 21:46	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	43.6	200	ug/Kg	12/03/25 21:46	PB170797
98-86-2	Acetophenone	1600		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
65794-96-9	3+4-Methylphenols	1500		1	47.8	380	ug/Kg	12/03/25 21:46	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1500		1	55.1	93.1	ug/Kg	12/03/25 21:46	PB170797
67-72-1	Hexachloroethane	1700		1	20.5	200	ug/Kg	12/03/25 21:46	PB170797
98-95-3	Nitrobenzene	1600		1	21.3	200	ug/Kg	12/03/25 21:46	PB170797
78-59-1	Isophorone	1500		1	38.2	200	ug/Kg	12/03/25 21:46	PB170797
88-75-5	2-Nitrophenol	1700		1	67.7	200	ug/Kg	12/03/25 21:46	PB170797
105-67-9	2,4-Dimethylphenol	1600		1	75.4	200	ug/Kg	12/03/25 21:46	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:46	PB170797
120-83-2	2,4-Dichlorophenol	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
91-20-3	Naphthalene	1600		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
106-47-8	4-Chloroaniline	360		1	41.2	200	ug/Kg	12/03/25 21:46	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
105-60-2	Caprolactam	1300		1	60.6	380	ug/Kg	12/03/25 21:46	PB170797
59-50-7	4-Chloro-3-methylphenol	1500		1	33.4	200	ug/Kg	12/03/25 21:46	PB170797
91-57-6	2-Methylnaphthalene	1500		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
77-47-4	Hexachlorocyclopentadiene	3400	E	1	130	380	ug/Kg	12/03/25 21:46	PB170797
88-06-2	2,4,6-Trichlorophenol	1800		1	23.0	200	ug/Kg	12/03/25 21:46	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.4	200	ug/Kg	12/03/25 21:46	PB170797
91-58-7	2-Chloronaphthalene	1700		1	26.2	200	ug/Kg	12/03/25 21:46	PB170797
88-74-4	2-Nitroaniline	1600		1	56.0	200	ug/Kg	12/03/25 21:46	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:46	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:46	PB170797
606-20-2	2,6-Dinitrotoluene	1800		1	39.1	200	ug/Kg	12/03/25 21:46	PB170797
99-09-2	3-Nitroaniline	570		1	53.5	200	ug/Kg	12/03/25 21:46	PB170797
83-32-9	Acenaphthene	1700		1	24.8	200	ug/Kg	12/03/25 21:46	PB170797
51-28-5	2,4-Dinitrophenol	3000		1	270	380	ug/Kg	12/03/25 21:46	PB170797
100-02-7	4-Nitrophenol	2700		1	120	380	ug/Kg	12/03/25 21:46	PB170797
132-64-9	Dibenzofuran	1700		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
121-14-2	2,4-Dinitrotoluene	1600		1	58.3	200	ug/Kg	12/03/25 21:46	PB170797
84-66-2	Diethylphthalate	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.1	200	ug/Kg	12/03/25 21:46	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
100-01-6	4-Nitroaniline	1100		1	74.7	200	ug/Kg	12/03/25 21:46	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1700		1	120	380	ug/Kg	12/03/25 21:46	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MSD
Lab Sample ID: Q3741-06MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	38.3	200	ug/Kg	12/03/25 21:46	PB170797
101-55-3	4-Bromophenyl-phenylether	1900		1	32.3	200	ug/Kg	12/03/25 21:46	PB170797
118-74-1	Hexachlorobenzene	1900		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
1912-24-9	Atrazine	1700		1	39.6	200	ug/Kg	12/03/25 21:46	PB170797
87-86-5	Pentachlorophenol	3500	E	1	59.7	380	ug/Kg	12/03/25 21:46	PB170797
85-01-8	Phenanthrene	2100		1	24.3	200	ug/Kg	12/03/25 21:46	PB170797
120-12-7	Anthracene	1800		1	38.7	200	ug/Kg	12/03/25 21:46	PB170797
86-74-8	Carbazole	1700		1	36.3	200	ug/Kg	12/03/25 21:46	PB170797
84-74-2	Di-n-butylphthalate	1700		1	55.7	200	ug/Kg	12/03/25 21:46	PB170797
206-44-0	Fluoranthene	2100		1	34.9	200	ug/Kg	12/03/25 21:46	PB170797
129-00-0	Pyrene	2100		1	41.9	200	ug/Kg	12/03/25 21:46	PB170797
85-68-7	Butylbenzylphthalate	1700		1	83.1	200	ug/Kg	12/03/25 21:46	PB170797
91-94-1	3,3-Dichlorobenzidine	630		1	42.7	380	ug/Kg	12/03/25 21:46	PB170797
56-55-3	Benzo(a)anthracene	1900		1	26.8	200	ug/Kg	12/03/25 21:46	PB170797
218-01-9	Chrysene	1900		1	23.2	200	ug/Kg	12/03/25 21:46	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1700		1	68.9	200	ug/Kg	12/03/25 21:46	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:46	PB170797
205-99-2	Benzo(b)fluoranthene	2000		1	22.1	200	ug/Kg	12/03/25 21:46	PB170797
207-08-9	Benzo(k)fluoranthene	1800		1	26.1	200	ug/Kg	12/03/25 21:46	PB170797
50-32-8	Benzo(a)pyrene	2000		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
53-70-3	Dibenzo(a,h)anthracene	1800		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.9	200	ug/Kg	12/03/25 21:46	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1700		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797

SURROGATES

367-12-4	2-Fluorophenol	55.1		10 - 105	37%	SPK: 150
13127-88-3	Phenol-d6	72.3		10 - 103	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.8		10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.6		10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	48.5		10 - 116	32%	SPK: 150
1718-51-0	Terphenyl-d14	57.3		10 - 109	57%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	296000
1146-65-2	Naphthalene-d8	1140000
15067-26-2	Acenaphthene-d10	628000
1517-22-2	Phenanthrene-d10	1150000
1719-03-5	Chrysene-d12	1240000
1520-96-3	Perylene-d12	1500000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.9
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3) Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4) n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S 2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6) Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8) 2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9) Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11) bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12) 1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C 1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14) 1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15) Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16) 2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17) 2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18) Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20) 3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24) Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25) Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C 2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27) 2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28) bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C 2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30) 1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31) Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32) Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33) 4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35) Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C 4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37) 2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38) 1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57	
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78		
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27	
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49	
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05	
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72	
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52	
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12	
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84	
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57	
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71	
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16	
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90	
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07	
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99		
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99	
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64		
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07	
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88	
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58	
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27	
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92	
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10	
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99		
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12	
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18	
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74	
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26	
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76		
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87	
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37	
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36	
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27	
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98		
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79	
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71	
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60	
81)	Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37	
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77		
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72	
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92	
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 19 01:25:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP026150.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.507	0.520	0.524	0.487	0.502	0.505	0.494	0.505	2.61	
3) Pyridine	1.401	1.459	1.510	1.445	1.485	1.466	1.458	1.461	2.32	
4) n-Nitrosodimet...		0.535	0.560	0.540	0.552	0.549	0.540	0.546	1.75	
5) S 2-Fluorophenol	1.193	1.249	1.277	1.245	1.255	1.258	1.245	1.246	2.08	
6) Aniline	1.953	2.050	2.154	2.122	2.138	2.127	2.117	2.094	3.36	
7) S Phenol-d6	1.465	1.564	1.623	1.617	1.632	1.606	1.596	1.586	3.64	
8) 2-Chlorophenol	1.318	1.398	1.438	1.431	1.452	1.439	1.453	1.418	3.37	
9) Benzaldehyde		0.963	0.899	0.922	0.719	0.812	0.673	0.831	14.04	
10) C Phenol	1.570	1.658	1.757	1.746	1.759	1.742	1.729	1.709	4.12	
11) bis(2-Chloroet...	1.252	1.334	1.368	1.361	1.363	1.338	1.350	1.338	3.00	
12) 1,3-Dichlorobe...	1.511	1.526	1.570	1.525	1.528	1.518	1.518	1.528	1.28	
13) C 1,4-Dichlorobe...	1.495	1.547	1.589	1.540	1.546	1.532	1.530	1.540	1.81	
14) 1,2-Dichlorobe...	1.453	1.482	1.521	1.479	1.480	1.470	1.464	1.479	1.46	
15) Benzyl Alcohol		1.074	1.181	1.187	1.194	1.164	1.173	1.162	3.82	
16) 2,2'-oxybis(1-...	1.769	1.841	1.961	1.914	1.924	1.852	1.892	1.879	3.40	
17) 2-Methylphenol	1.067	1.126	1.191	1.195	1.202	1.180	1.182	1.163	4.25	
18) Hexachloroethane	0.527	0.559	0.569	0.565	0.565	0.557	0.581	0.560	2.99	
19) P n-Nitroso-di-n...	0.937	0.899	0.960	1.063	1.024	1.039	0.975	0.986	0.985	5.53
20) 3+4-Methylphenols		1.530	1.656	1.624	1.648	1.601	1.613	1.612	2.82	
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.497	0.521	0.530	0.507	0.504	0.507	0.493	0.508	2.58	
23) S Nitrobenzene-d5	0.335	0.357	0.362	0.355	0.351	0.355	0.349	0.352	2.39	
24) Nitrobenzene	0.339	0.356	0.368	0.359	0.357	0.360	0.354	0.356	2.50	
25) Isophorone	0.655	0.693	0.736	0.710	0.710	0.686	0.697	0.698	3.57	
26) C 2-Nitrophenol	0.152	0.164	0.182	0.189	0.189	0.192	0.193	0.180	8.87	
27) 2,4-Dimethylph...	0.305	0.327	0.337	0.328	0.328	0.327	0.323	0.325	3.06	
28) bis(2-Chloroet...	0.425	0.439	0.454	0.439	0.442	0.426	0.436	0.437	2.28	
29) C 2,4-Dichloroph...	0.298	0.322	0.335	0.331	0.330	0.330	0.328	0.325	3.81	
30) 1,2,4-Trichlor...	0.331	0.337	0.337	0.330	0.325	0.328	0.328	0.331	1.36	
31) Naphthalene	1.080	1.114	1.115	1.073	1.073	1.059	1.052	1.081	2.30	
32) Benzoic acid		0.209	0.268	0.276	0.276	0.329	0.285	0.274	14.03	
33) 4-Chloroaniline	0.429	0.461	0.479	0.472	0.463	0.458	0.457	0.460	3.45	
34) C Hexachlorobuta...	0.213	0.218	0.219	0.215	0.211	0.212	0.219	0.215	1.65	
35) Caprolactam		0.113	0.123	0.117	0.118	0.114	0.113	0.116	3.36	
36) C 4-Chloro-3-met...	0.314	0.342	0.366	0.354	0.356	0.344	0.342	0.345	4.75	
37) 2-Methylnaphth...	0.732	0.791	0.804	0.773	0.773	0.746	0.744	0.766	3.47	
38) 1-Methylnaphth...	0.735	0.767	0.785	0.763	0.746	0.729	0.719	0.749	3.17	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.607	0.610	0.613	0.597	0.594	0.610	0.603	0.605	1.19	
41) P	Hexachlorocycl...	0.347	0.382	0.396	0.396	0.418	0.436	0.396		7.76	
42) S	2,4,6-Tribromo...	0.241	0.253	0.273	0.264	0.262	0.260	0.262	0.259	3.87	
43) C	2,4,6-Trichlor...	0.380	0.404	0.431	0.420	0.420	0.426	0.420	0.415	4.21	
44)	2,4,5-Trichlor...	0.428	0.454	0.482	0.467	0.469	0.473	0.468	0.463	3.72	
45) S	2-Fluorobiphenyl	1.430	1.442	1.453	1.337	1.317	1.325	1.249	1.365	5.68	
46)	1,1'-Biphenyl	1.499	1.540	1.580	1.489	1.469	1.504	1.460	1.506	2.78	
47)	2-Chloronaphth...	1.167	1.215	1.217	1.169	1.164	1.195	1.162	1.184	2.04	
48)	2-Nitroaniline	0.289	0.310	0.345	0.338	0.336	0.349	0.339	0.329	6.58	
49)	Acenaphthylene	1.890	1.987	2.051	1.947	1.943	1.951	1.906	1.953	2.74	
50)	Dimethylphthalate	1.470	1.517	1.573	1.494	1.470	1.470	1.462	1.494	2.66	
51)	2,6-Dinitrotol...	0.235	0.267	0.310	0.315	0.312	0.313	0.319	0.296	10.85	
52) C	Acenaphthene	1.139	1.182	1.180	1.138	1.141	1.153	1.081	1.145	2.95	
53)	3-Nitroaniline	0.286	0.330	0.368	0.362	0.364	0.368	0.362	0.349	8.74	
54) P	2,4-Dinitrophenol	0.124	0.174	0.186	0.187	0.194	0.208	0.179		16.32	
55)	Dibenzofuran	1.779	1.832	1.880	1.765	1.763	1.738	1.654	1.773	4.02	
56) P	4-Nitrophenol	0.290	0.331	0.316	0.314	0.324	0.317	0.315		4.47	
57)	2,4-Dinitrotol...	0.362	0.407	0.469	0.467	0.464	0.465	0.459	0.442	9.40	
58)	Fluorene	1.447	1.490	1.500	1.380	1.374	1.351	1.267	1.401	5.94	
59)	2,3,4,6-Tetrac...	0.361	0.391	0.409	0.400	0.397	0.396	0.394	0.393	3.80	
60)	Diethylphthalate	1.493	1.507	1.592	1.522	1.493	1.462	1.465	1.505	2.92	
61)	4-Chlorophenyl...	0.718	0.717	0.741	0.693	0.691	0.673	0.648	0.697	4.47	
62)	4-Nitroaniline	0.313	0.359	0.394	0.365	0.368	0.376	0.358	0.362	6.90	
63)	Azobenzene	1.200	1.276	1.346	1.290	1.279	1.252	1.240	1.269	3.58	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.099	0.123	0.134	0.132	0.134	0.141	0.127		11.84	
66) c	n-Nitrosodiphe...	0.598	0.640	0.641	0.624	0.610	0.609	0.610	0.619	2.70	
67)	4-Bromophenyl-...	0.208	0.219	0.223	0.229	0.221	0.221	0.229	0.221	3.29	
68)	Hexachlorobenzene	0.243	0.260	0.260	0.265	0.255	0.254	0.263	0.257	2.91	
69)	Atrazine	0.217	0.232	0.247	0.238	0.233	0.229	0.237	0.233	3.94	
70) C	Pentachlorophenol	0.170	0.179	0.183	0.179	0.180	0.187	0.180		3.30	
71)	Phenanthrene	1.128	1.179	1.179	1.122	1.102	1.089	1.087	1.127	3.43	
72)	Anthracene	1.122	1.194	1.198	1.171	1.122	1.134	1.102	1.149	3.33	
73)	Carbazole	1.083	1.178	1.151	1.105	1.045	1.050	1.030	1.091	5.15	
74)	Di-n-butylphth...	1.219	1.290	1.372	1.358	1.304	1.223	1.290	1.294	4.57	
75) C	Fluoranthene	1.383	1.464	1.452	1.369	1.308	1.319	1.287	1.369	5.09	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.727	0.733	0.616	0.631	0.594	0.508	0.635		13.43	
78)	Pyrene	1.266	1.318	1.375	1.331	1.309	1.302	1.277	1.311	2.75	
79) S	Terphenyl-d14	1.024	1.037	1.061	0.990	0.971	0.918	0.866	0.981	7.08	
80)	Butylbenzylpht...	0.546	0.552	0.612	0.603	0.588	0.555	0.587	0.578	4.60	
81)	Benzo(a)anthra...	1.373	1.401	1.437	1.376	1.349	1.350	1.328	1.374	2.65	
82)	3,3'-Dichlorob...	0.513	0.526	0.500	0.492	0.491	0.475	0.500		3.61	
83)	Chrysene	1.298	1.336	1.341	1.284	1.266	1.279	1.257	1.295	2.54	
84)	Bis(2-ethylhex...	0.842	0.825	0.918	0.933	0.876	0.814	0.911	0.874	5.48	
85) c	Di-n-octyl pht...	1.414	1.572	1.581	1.553	1.467	1.584	1.529		4.64	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.511	1.483	1.531	1.511	1.500	2.21
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.237	1.222	1.200	1.180	1.218	2.57
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.213	1.213	1.192	1.189	1.217	2.38
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.168	1.147	1.146	1.142	1.154	2.10
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.237	1.209	1.245	1.232	1.228	2.48
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.223	1.185	1.244	1.234	1.220	2.41

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.341		4.9	
Benzaldehyde	0.818	1.114		36.2	
Phenol-d6	1.448	1.466		1.2	
Phenol	1.769	1.803		1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.408		9.2	
2-Chlorophenol	1.253	1.338		6.8	
2-Methylphenol	0.997	1.031		3.4	
2,2-oxybis(1-Chloropropane)	2.374	2.545		7.2	
Acetophenone	0.429	0.429		0.0	
3+4-Methylphenols	1.175	1.202		2.3	
n-Nitroso-di-n-propylamine	0.953	0.943	0.050	-1.0	
Nitrobenzene-d5	0.346	0.360		4.0	
Hexachloroethane	0.515	0.535		3.9	
Nitrobenzene	0.376	0.390		3.7	
Isophorone	0.655	0.682		4.1	
2-Nitrophenol	0.186	0.204		9.7	20.0
2,4-Dimethylphenol	0.279	0.285		2.2	
bis(2-Chloroethoxy)methane	0.409	0.438		7.1	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.987		3.8	
4-Chloroaniline	0.347	0.356		2.6	
Hexachlorobutadiene	0.249	0.255		2.4	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.649		2.0	
Hexachlorocyclopentadiene	0.195	0.181	0.050	-7.2	
2,4,6-Trichlorophenol	0.446	0.458		2.7	20.0
2-Fluorobiphenyl	1.354	1.352		-0.1	
2,4,5-Trichlorophenol	0.481	0.486		1.0	
1,1-Biphenyl	1.396	1.429		2.4	
2-Chloronaphthalene	1.191	1.229		3.2	
2-Nitroaniline	0.344	0.350		1.7	
Dimethylphthalate	1.325	1.336		0.8	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.282		5.2	
3-Nitroaniline	0.293	0.301		2.7	
Acenaphthene	1.085	1.029		-5.2	20.0
2,4-Dinitrophenol	0.162	0.209	0.050	29.0	
4-Nitrophenol	0.212	0.183	0.050	-13.7	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.503		-1.1	
2,4-Dinitrotoluene	0.359	0.371		3.3	
Diethylphthalate	1.221	1.237		1.3	
4-Chlorophenyl-phenylether	0.658	0.661		0.5	
Fluorene	1.156	1.166		0.9	
4-Nitroaniline	0.279	0.282		1.1	
4,6-Dinitro-2-methylphenol	0.136	0.136		0.0	
n-Nitrosodiphenylamine	0.643	0.685		6.5	20.0
2,4,6-Tribromophenol	0.251	0.254		1.2	
4-Bromophenyl-phenylether	0.255	0.270		5.9	
Hexachlorobenzene	0.301	0.324		7.6	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.165		10.0	20.0
Phenanthrene	0.996	1.044		4.8	
Anthracene	1.013	1.060		4.6	
Carbazole	0.861	0.879		2.1	
Di-n-butylphthalate	1.041	1.123		7.9	
Fluoranthene	1.029	1.037		0.8	20.0
Pyrene	1.613	1.453		-9.9	
Terphenyl-d14	1.259	1.155		-8.3	
Butylbenzylphthalate	0.559	0.568		1.6	
3,3-Dichlorobenzidine	0.475	0.519		9.3	
Benzo (a) anthracene	1.386	1.453		4.8	
Chrysene	1.280	1.234		-3.6	
Bis(2-ethylhexyl)phthalate	0.765	0.823		7.6	
Di-n-octyl phthalate	1.320	1.550		17.4	20.0
Benzo (b) fluoranthene	1.137	1.189		4.6	
Benzo (k) fluoranthene	1.064	1.093		2.7	
Benzo (a) pyrene	1.049	1.094		4.3	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.486		3.5	
Dibenzo (a,h) anthracene	1.153	1.181		2.4	
Benzo (g,h,i) perylene	1.139	1.140		0.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.692		5.6	
2,3,4,6-Tetrachlorophenol	0.340	0.332		-2.4	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/03/2025 12:53</u>
Lab File ID:	<u>BP026224.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.193		-4.3	
Benzaldehyde	0.831	1.056		27.1	
Phenol-d6	1.586	1.518		-4.3	
Phenol	1.709	1.631		-4.6	20.0
bis(2-Chloroethyl)ether	1.338	1.298		-3.0	
2-Chlorophenol	1.418	1.417		-0.1	
2-Methylphenol	1.163	1.133		-2.6	
2,2-oxybis(1-Chloropropane)	1.879	1.856		-1.2	
Acetophenone	0.508	0.496		-2.4	
3+4-Methylphenols	1.612	1.526		-5.3	
n-Nitroso-di-n-propylamine	0.985	0.955	0.050	-3.0	
Nitrobenzene-d5	0.352	0.349		-0.9	
Hexachloroethane	0.560	0.572		2.1	
Nitrobenzene	0.356	0.355		-0.3	
Isophorone	0.698	0.670		-4.0	
2-Nitrophenol	0.180	0.188		4.4	20.0
2,4-Dimethylphenol	0.325	0.281		-13.5	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
2,4-Dichlorophenol	0.325	0.325		0.0	20.0
Naphthalene	1.081	1.061		-1.9	
4-Chloroaniline	0.460	0.429		-6.7	
Hexachlorobutadiene	0.215	0.229		6.5	20.0
Caprolactam	0.116	0.099		-14.7	
4-Chloro-3-methylphenol	0.345	0.332		-3.8	20.0
2-Methylnaphthalene	0.766	0.747		-2.5	
Hexachlorocyclopentadiene	0.396	0.314	0.050	-20.7	
2,4,6-Trichlorophenol	0.415	0.430		3.6	20.0
2-Fluorobiphenyl	1.365	1.409		3.2	
2,4,5-Trichlorophenol	0.463	0.475		2.6	
1,1-Biphenyl	1.506	1.525		1.3	
2-Chloronaphthalene	1.184	1.205		1.8	
2-Nitroaniline	0.329	0.317		-3.6	
Dimethylphthalate	1.494	1.449		-3.0	
Acenaphthylene	1.953	1.927		-1.3	
2,6-Dinitrotoluene	0.296	0.305		3.0	
3-Nitroaniline	0.349	0.313		-10.3	
Acenaphthene	1.145	1.130		-1.3	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.254	0.050	-19.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02
Lab Code: ACE SDG No.: Q3741
Instrument ID: BNA_P Calibration Date/Time: 12/03/2025 12:53
Lab File ID: BP026224.D Init. Calib. Date(s): 11/18/2025 11/18/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.738		-2.0	
2,4-Dinitrotoluene	0.442	0.422		-4.5	
Diethylphthalate	1.505	1.424		-5.4	
4-Chlorophenyl-phenylether	0.697	0.692		-0.7	
Fluorene	1.401	1.333		-4.9	
4-Nitroaniline	0.362	0.297		-18.0	
4,6-Dinitro-2-methylphenol	0.127	0.130		2.4	
n-Nitrosodiphenylamine	0.619	0.657		6.1	20.0
2,4,6-Tribromophenol	0.259	0.254		-1.9	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.281		9.3	
Atrazine	0.233	0.223		-4.3	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.123		-0.4	
Anthracene	1.149	1.164		1.3	
Carbazole	1.091	0.998		-8.5	
Di-n-butylphthalate	1.294	1.224		-5.4	
Fluoranthene	1.369	1.215		-11.2	20.0
Pyrene	1.311	1.430		9.1	
Terphenyl-d14	0.981	1.089		11.0	
Butylbenzylphthalate	0.578	0.574		-0.7	
3,3-Dichlorobenzidine	0.500	0.484		-3.2	
Benzo (a) anthracene	1.374	1.350		-1.7	
Chrysene	1.295	1.297		0.2	
Bis (2-ethylhexyl) phthalate	0.874	0.844		-3.4	
Di-n-octyl phthalate	1.529	1.460		-4.5	20.0
Benzo (b) fluoranthene	1.218	1.185		-2.7	
Benzo (k) fluoranthene	1.217	1.230		1.1	
Benzo (a) pyrene	1.154	1.166		1.0	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.615		7.7	
Dibenzo (a,h) anthracene	1.228	1.316		7.2	
Benzo (g,h,i) perylene	1.220	1.312		7.5	
1,2,4,5-Tetrachlorobenzene	0.605	0.646		6.8	
2,3,4,6-Tetrachlorophenol	0.393	0.384		-2.3	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	PCB	8082A	11/19/25	12/03/25	12/03/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	PCB	8082A	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	PCB	8082A	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	PCB	8082A	11/24/25	12/03/25	12/03/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	PCB	8082A	11/25/25	12/03/25	12/03/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	PCB	8082A	11/25/25	12/03/25	12/03/25	11/26/25

Hit Summary Sheet
SW-846

SDG No.: Q3741

Order ID: Q3741

Client: Core Environmental Consultants and Services, In

Project ID: Building 50 Probe Investigation

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP11-112525								
Q3741-05	B50-SP11-112525	SOIL	Aroclor-1254	20.5	3.80		20.1	ug/kg
Total Concentration:				20.500				

A

B

C

D

E

F

G



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.6
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.30	U	1	4.30	18.5	ug/kg	12/03/25 12:50	PB170795
11104-28-2	Aroclor-1221	4.40	U	1	4.40	18.5	ug/kg	12/03/25 12:50	PB170795
11141-16-5	Aroclor-1232	4.10	U	1	4.10	18.5	ug/kg	12/03/25 12:50	PB170795
53469-21-9	Aroclor-1242	4.40	U	1	4.40	18.5	ug/kg	12/03/25 12:50	PB170795
12672-29-6	Aroclor-1248	6.40	U	1	6.40	18.5	ug/kg	12/03/25 12:50	PB170795
11097-69-1	Aroclor-1254	3.50	U	1	3.50	18.5	ug/kg	12/03/25 12:50	PB170795
37324-23-5	Aroclor-1262	5.50	U	1	5.50	18.5	ug/kg	12/03/25 12:50	PB170795
11100-14-4	Aroclor-1268	3.90	U	1	3.90	18.5	ug/kg	12/03/25 12:50	PB170795
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.5	ug/kg	12/03/25 12:50	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.7			21 - 165	103%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			10 - 170	113%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.4
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	19.6	ug/kg	12/03/25 13:08	PB170795
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.6	ug/kg	12/03/25 13:08	PB170795
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.6	ug/kg	12/03/25 13:08	PB170795
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.6	ug/kg	12/03/25 13:08	PB170795
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.6	ug/kg	12/03/25 13:08	PB170795
11097-69-1	Aroclor-1254	3.70	U	1	3.70	19.6	ug/kg	12/03/25 13:08	PB170795
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.6	ug/kg	12/03/25 13:08	PB170795
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.6	ug/kg	12/03/25 13:08	PB170795
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.6	ug/kg	12/03/25 13:08	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.1			21 - 165	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.3			10 - 170	86%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.3
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50	U	1	4.50	19.4	ug/kg	12/03/25 13:27	PB170795
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.4	ug/kg	12/03/25 13:27	PB170795
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.4	ug/kg	12/03/25 13:27	PB170795
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.4	ug/kg	12/03/25 13:27	PB170795
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.4	ug/kg	12/03/25 13:27	PB170795
11097-69-1	Aroclor-1254	3.70	U	1	3.70	19.4	ug/kg	12/03/25 13:27	PB170795
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.4	ug/kg	12/03/25 13:27	PB170795
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.4	ug/kg	12/03/25 13:27	PB170795
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.4	ug/kg	12/03/25 13:27	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.2			21 - 165	101%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.4			10 - 170	92%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.2
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	19.9	ug/kg	12/03/25 13:45	PB170795
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.9	ug/kg	12/03/25 13:45	PB170795
11141-16-5	Aroclor-1232	4.40	U	1	4.40	19.9	ug/kg	12/03/25 13:45	PB170795
53469-21-9	Aroclor-1242	4.70	U	1	4.70	19.9	ug/kg	12/03/25 13:45	PB170795
12672-29-6	Aroclor-1248	6.90	U	1	6.90	19.9	ug/kg	12/03/25 13:45	PB170795
11097-69-1	Aroclor-1254	3.80	U	1	3.80	19.9	ug/kg	12/03/25 13:45	PB170795
37324-23-5	Aroclor-1262	5.90	U	1	5.90	19.9	ug/kg	12/03/25 13:45	PB170795
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.9	ug/kg	12/03/25 13:45	PB170795
11096-82-5	Aroclor-1260	3.80	U	1	3.80	19.9	ug/kg	12/03/25 13:45	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.4			21 - 165	107%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.6			10 - 170	93%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.6
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.70	U	1	4.70	20.1	ug/kg	12/03/25 14:03	PB170795
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.1	ug/kg	12/03/25 14:03	PB170795
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.1	ug/kg	12/03/25 14:03	PB170795
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.1	ug/kg	12/03/25 14:03	PB170795
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.1	ug/kg	12/03/25 14:03	PB170795
11097-69-1	Aroclor-1254	20.5		1	3.80	20.1	ug/kg	12/03/25 14:03	PB170795
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.1	ug/kg	12/03/25 14:03	PB170795
11100-14-4	Aroclor-1268	4.30	U	1	4.30	20.1	ug/kg	12/03/25 14:03	PB170795
11096-82-5	Aroclor-1260	3.80	U	1	3.80	20.1	ug/kg	12/03/25 14:03	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			21 - 165	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.9			10 - 170	80%	SPK: 20		

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.9
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	19.8	ug/kg	12/03/25 14:53	PB170795
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.8	ug/kg	12/03/25 14:53	PB170795
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.8	ug/kg	12/03/25 14:53	PB170795
53469-21-9	Aroclor-1242	4.70	U	1	4.70	19.8	ug/kg	12/03/25 14:53	PB170795
12672-29-6	Aroclor-1248	6.90	U	1	6.90	19.8	ug/kg	12/03/25 14:53	PB170795
11097-69-1	Aroclor-1254	3.70	U	1	3.70	19.8	ug/kg	12/03/25 14:53	PB170795
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.8	ug/kg	12/03/25 14:53	PB170795
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.8	ug/kg	12/03/25 14:53	PB170795
11096-82-5	Aroclor-1260	3.80	U	1	3.80	19.8	ug/kg	12/03/25 14:53	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.9			21 - 165	104%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.6			10 - 170	88%	SPK: 20		

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q3741**

Client: **Core Environmental Consultants and Ser**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.3	86		60	140
I.BLK-PO115556.D	PIBLK-PO115556.D	Tetrachloro-m-xyl	1	20	24.9	125		60	140
		Decachlorobiphen	1	20	26.0	130		60	140
		Tetrachloro-m-xyl	2	20	23.6	118		60	140
		Decachlorobiphen	2	20	23.9	120		60	140
Q3741-01	B50-SP3-111925	Tetrachloro-m-xyl	1	20	20.7	103		21	165
		Decachlorobiphen	1	20	22.6	113		10	170
		Tetrachloro-m-xyl	2	20	20.4	102		21	165
		Decachlorobiphen	2	20	19.6	98		10	170
Q3741-02	B50-SP13-112025	Tetrachloro-m-xyl	1	20	17.3	86		21	165
		Decachlorobiphen	1	20	17.3	86		10	170
		Tetrachloro-m-xyl	2	20	18.1	91		21	165
		Decachlorobiphen	2	20	13.4	67		10	170
Q3741-03	B50-SP14-112025	Tetrachloro-m-xyl	1	20	20.1	101		21	165
		Decachlorobiphen	1	20	18.4	92		10	170
		Tetrachloro-m-xyl	2	20	20.2	101		21	165
		Decachlorobiphen	2	20	15.8	79		10	170
Q3741-04	B50-SP9-112425	Tetrachloro-m-xyl	1	20	21.4	107		21	165
		Decachlorobiphen	1	20	18.6	93		10	170
		Tetrachloro-m-xyl	2	20	21.3	107		21	165
		Decachlorobiphen	2	20	17.1	86		10	170
I.BLK-PO115569.D	PIBLK-PO115569.D	Tetrachloro-m-xyl	1	20	25.5	127		60	140
		Decachlorobiphen	1	20	25.7	129		60	140
		Tetrachloro-m-xyl	2	20	24.1	120		60	140
		Decachlorobiphen	2	20	23.8	119		60	140
I.BLK-PP076598.D	PIBLK-PP076598.D	Tetrachloro-m-xyl	1	20	22.0	110		60	140
		Decachlorobiphen	1	20	23.3	117		60	140
		Tetrachloro-m-xyl	2	20	21.3	106		60	140
		Decachlorobiphen	2	20	22.1	110		60	140
I.BLK-PP076748.D	PIBLK-PP076748.D	Tetrachloro-m-xyl	1	20	25.5	127		60	140
		Decachlorobiphen	1	20	26.9	134		60	140
		Tetrachloro-m-xyl	2	20	26.7	133		60	140
		Decachlorobiphen	2	20	26.8	134		60	140
Q3741-05	B50-SP11-112525	Tetrachloro-m-xyl	1	20	18.8	94		21	165
		Decachlorobiphen	1	20	15.9	80		10	170
		Tetrachloro-m-xyl	2	20	18.2	91		21	165
		Decachlorobiphen	2	20	15.5	78		10	170
Q3741-05MS	B50-SP11-112525MS	Tetrachloro-m-xyl	1	20	23.1	116		21	165

Surrogate Summary

SDG No.: Q3741

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3741-05MS	B50-SP11-112525MS	Decachlorobiphen	1	20	20.0	100		10	170
		Tetrachloro-m-xyl	2	20	21.9	109		21	165
Q3741-05MSD	B50-SP11-112525MSD	Decachlorobiphen	2	20	19.6	98		10	170
		Tetrachloro-m-xyl	1	20	23.3	116		21	165
		Decachlorobiphen	1	20	20.5	103		10	170
		Tetrachloro-m-xyl	2	20	22.3	112		21	165
Q3741-06	B50-SP4-112525	Decachlorobiphen	2	20	20.3	101		10	170
		Tetrachloro-m-xyl	1	20	20.5	102		21	165
		Decachlorobiphen	1	20	17.6	88		10	170
		Tetrachloro-m-xyl	2	20	20.9	104		21	165
I.BLK-PP076762.D	PIBLK-PP076762.D	Decachlorobiphen	2	20	17.1	86		10	170
		Tetrachloro-m-xyl	1	20	24.9	124		60	140
		Decachlorobiphen	1	20	25.6	128		60	140
		Tetrachloro-m-xyl	2	20	23.8	119		60	140
PB170795BL	PB170795BL	Decachlorobiphen	2	20	24.0	120		60	140
		Tetrachloro-m-xyl	1	20	22.1	111		21	165
		Decachlorobiphen	1	20	23.0	115		10	170
		Tetrachloro-m-xyl	2	20	21.3	106		21	165
PB170795BS	PB170795BS	Decachlorobiphen	2	20	21.6	108		10	170
		Tetrachloro-m-xyl	1	20	22.8	114		21	165
		Decachlorobiphen	1	20	23.4	117		10	170
		Tetrachloro-m-xyl	2	20	20.8	104		21	165
I.BLK-PP076777.D	PIBLK-PP076777.D	Decachlorobiphen	2	20	21.9	109		10	170
		Tetrachloro-m-xyl	1	20	24.2	121		60	140
		Decachlorobiphen	1	20	25.2	126		60	140
		Tetrachloro-m-xyl	2	20	23.4	117		60	140
		Decachlorobiphen	2	20	23.7	118		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PP076752.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3741-05MS (Column 1)	Client Sample ID:		B50-SP11-112525MS								
	AR1016	196.5	0	160	ug/kg	81				39	159	
	AR1260	196.5	0	147	ug/kg	75				19	160	
Lab Sample ID:	Q3741-05MS (Column 2)	Client Sample ID:		B50-SP11-112525MS								
	AR1016	196.5	0	156	ug/kg	79				39	159	
	AR1260	196.5	0	150	ug/kg	76				19	160	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PP076753.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3741-05MSD	Client Sample ID:		B50-SP11-112525MSD							
(Column 1)											
AR1016	196.7	0	163	ug/kg	83		2		39	159	21
AR1260	196.7	0	149	ug/kg	76		1		19	160	15
Lab Sample ID:	Q3741-05MSD	Client Sample ID:		B50-SP11-112525MSD							
(Column 2)											
AR1016	196.7	0	160	ug/kg	81		3		39	159	21
AR1260	196.7	0	152	ug/kg	77		1		19	160	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3741</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	Datafile :	<u>PP076764.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170795BS (Column 1)	AR1016	166.6	139	ug/kg	83				71	120	
	AR1260	166.6	134	ug/kg	80				65	130	
PB170795BS (Column 2)	AR1016	166.6	136	ug/kg	82				71	120	
	AR1260	166.6	135	ug/kg	81				65	130	

4C
PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170795BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab Sample ID: PB170795BL

Lab File ID: PP076763.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/03/2025

Date Analyzed (1): 12/03/2025

Date Analyzed (2): 12/03/2025

Time Analyzed (1): 18:40

Time Analyzed (2): 18:40

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
B50-SP3-111925	Q3741-01	PO115561.D	12/03/2025	12/03/2025
B50-SP13-112025	Q3741-02	PO115562.D	12/03/2025	12/03/2025
B50-SP14-112025	Q3741-03	PO115563.D	12/03/2025	12/03/2025
B50-SP9-112425	Q3741-04	PO115564.D	12/03/2025	12/03/2025
B50-SP11-112525	Q3741-05	PP076751.D	12/03/2025	12/03/2025
B50-SP11-112525MS	Q3741-05MS	PP076752.D	12/03/2025	12/03/2025
B50-SP11-112525MSD	Q3741-05MSD	PP076753.D	12/03/2025	12/03/2025
B50-SP4-112525	Q3741-06	PP076754.D	12/03/2025	12/03/2025
PB170795BS	PB170795BS	PP076764.D	12/03/2025	12/03/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>11/04/2025</u> <u>11/04/2025</u>
		Calibration Times:	<u>09:39</u> <u>18:31</u>

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PO114871.D</u>	RT 750 = <u>PO114872.D</u>
RT 500 = <u>PO114873.D</u>	RT 250 = <u>PO114874.D</u>	RT 050 = <u>PO114875.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1260-4	(4)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.35	6.36	6.35	6.35	6.36	6.35	6.25	6.45
Aroclor-1248-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1254-1	(1)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.21	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>11/04/2025</u> <u>11/04/2025</u>
		Calibration Times:	<u>09:39</u> <u>18:31</u>

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PO114871.D</u>	RT 750 = <u>PO114872.D</u>
	RT 500 = <u>PO114873.D</u>	RT 250 = <u>PO114874.D</u>
		RT 050 = <u>PO114875.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.97	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.68	5.68	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_O

Contract: CORE02

SDG NO.: Q3741

Calibration Date(s): 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 =	PO114871.D	CF 750 =	PO114872.D			
CF 500 =		PO114873.D	CF 250 =	PO114874.D	CF 050 =	PO114875.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021	3
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917	3
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964	3
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084	3
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133	5
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442	5
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202	7
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979	7
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058	7
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654	3
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415	6
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711	4
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751	2
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181	2
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866	3
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634	4
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325	2
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505	6
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943	5
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686	6
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934	5
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736	3
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203	4
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916	3
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599	5
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939	2
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643	3
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398	7
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599	2
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306	3
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401	2
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219	3
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975	2
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_O

Contract: CORE02

SDG NO.: Q3741

Calibration Date(s): 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PO114871.D</u>		CF 750 = <u>PO114872.D</u>			
CF 500 = <u>PO114873.D</u>		CF 250 = <u>PO114874.D</u>		CF 050 = <u>PO114875.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	190255495
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	270864445
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	147973176
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	117417809
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	152713484
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	296107474
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	430031211
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	351151399
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	303028670
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	821628074
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3903823849
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4466779594
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	146221590
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	207147890
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	111977521
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	107131147
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	142917757
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	4303689581
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4681866584
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	109309714
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	148900481
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	155407759
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	183252329
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	184328628
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	4216062851
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	4803726475
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	300180077
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	269607535
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	422244738
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	297394184
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	397526003
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	4410129979
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	4888312959
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	976125339

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Instrument ID: ECD_O Date(s) Analyzed: 11/04/2025 11/04/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Instrument ID: ECD_O Date(s) Analyzed: 11/04/2025 11/04/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>11/21/2025</u> <u>11/21/2025</u>
		Calibration Times:	<u>10:44</u> <u>19:39</u>

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PP076599.D</u>	RT 750 = <u>PP076600.D</u>
RT 500 = <u>PP076601.D</u>	RT 250 = <u>PP076602.D</u>	RT 050 = <u>PP076603.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Aroclor-1016-2	(2)	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
Aroclor-1016-3	(3)	5.85	5.85	5.85	5.86	5.85	5.85	5.75	5.95
Aroclor-1016-4	(4)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1016-5	(5)	6.24	6.24	6.24	6.25	6.24	6.24	6.14	6.34
Aroclor-1260-1	(1)	7.36	7.36	7.36	7.36	7.36	7.36	7.26	7.46
Aroclor-1260-2	(2)	7.61	7.61	7.61	7.62	7.61	7.61	7.51	7.71
Aroclor-1260-3	(3)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1260-4	(4)	8.20	8.20	8.19	8.20	8.19	8.20	8.10	8.30
Aroclor-1260-5	(5)	8.52	8.52	8.52	8.52	8.52	8.52	8.42	8.62
Decachlorobiphenyl		10.37	10.37	10.37	10.37	10.36	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.61	4.62	4.62	4.62	4.52	4.72
Aroclor-1242-1	(1)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Aroclor-1242-2	(2)	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
Aroclor-1242-3	(3)	5.86	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-4	(4)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1242-5	(5)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Decachlorobiphenyl		10.38	10.37	10.37	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Aroclor-1248-1	(1)	5.77	5.77	5.78	5.77	5.77	5.77	5.67	5.87
Aroclor-1248-2	(2)	6.04	6.04	6.05	6.04	6.04	6.04	5.94	6.14
Aroclor-1248-3	(3)	6.24	6.24	6.25	6.24	6.24	6.24	6.14	6.34
Aroclor-1248-4	(4)	6.64	6.64	6.65	6.64	6.64	6.64	6.54	6.74
Aroclor-1248-5	(5)	6.68	6.68	6.69	6.68	6.68	6.68	6.58	6.78
Decachlorobiphenyl		10.37	10.37	10.38	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.63	4.62	4.62	4.62	4.52	4.72
Aroclor-1254-1	(1)	6.61	6.62	6.62	6.61	6.62	6.62	6.52	6.72
Aroclor-1254-2	(2)	6.83	6.84	6.83	6.83	6.84	6.83	6.73	6.93
Aroclor-1254-3	(3)	7.19	7.20	7.20	7.19	7.20	7.20	7.10	7.30
Aroclor-1254-4	(4)	7.48	7.48	7.48	7.47	7.48	7.48	7.38	7.58
Aroclor-1254-5	(5)	7.89	7.89	7.89	7.89	7.89	7.89	7.79	7.99
Decachlorobiphenyl		10.37	10.37	10.37	10.36	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.62	4.61	4.62	4.62	4.52	4.72
Aroclor-1268-1	(1)	8.84	8.84	8.84	8.84	8.84	8.84	8.74	8.94
Aroclor-1268-2	(2)	8.94	8.93	8.93	8.93	8.93	8.93	8.83	9.03
Aroclor-1268-3	(3)	9.17	9.17	9.17	9.17	9.17	9.17	9.07	9.27
Aroclor-1268-4	(4)	9.60	9.59	9.60	9.59	9.59	9.59	9.49	9.69
Aroclor-1268-5	(5)	10.02	10.02	10.02	10.02	10.02	10.02	9.92	10.12

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.37	10.37	10.37	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>11/21/2025</u> <u>11/21/2025</u>
		Calibration Times:	<u>10:44</u> <u>19:39</u>

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PP076599.D</u>	RT 750 = <u>PP076600.D</u>
RT 500 = <u>PP076601.D</u>	RT 250 = <u>PP076602.D</u>	RT 050 = <u>PP076603.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.85	4.85	4.85	4.86	4.85	4.85	4.75	4.95
Aroclor-1016-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-3	(3)	5.05	5.05	5.04	5.05	5.04	5.05	4.95	5.15
Aroclor-1016-4	(4)	5.09	5.09	5.08	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-5	(5)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1260-1	(1)	6.33	6.33	6.32	6.33	6.33	6.33	6.23	6.43
Aroclor-1260-2	(2)	6.52	6.52	6.51	6.52	6.51	6.52	6.42	6.62
Aroclor-1260-3	(3)	6.67	6.67	6.66	6.67	6.67	6.67	6.57	6.77
Aroclor-1260-4	(4)	7.14	7.14	7.13	7.14	7.14	7.14	7.04	7.24
Aroclor-1260-5	(5)	7.38	7.38	7.37	7.38	7.38	7.38	7.28	7.48
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.78	3.77	3.77	3.78	3.77	3.77	3.67	3.87
Aroclor-1242-1	(1)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1242-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-3	(3)	5.05	5.04	5.05	5.04	5.05	5.05	4.95	5.15
Aroclor-1242-4	(4)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1242-5	(5)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.77	3.77	3.77	3.77	3.77	3.67	3.87
Aroclor-1248-1	(1)	4.85	4.85	4.86	4.85	4.85	4.85	4.75	4.95
Aroclor-1248-2	(2)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1248-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1248-4	(4)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1248-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.77	3.78	3.77	3.77	3.77	3.67	3.87
Aroclor-1254-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1254-2	(2)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1254-3	(3)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1254-4	(4)	6.42	6.43	6.43	6.42	6.43	6.43	6.33	6.53
Aroclor-1254-5	(5)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.78	3.77	3.77	3.78	3.77	3.67	3.87
Aroclor-1268-1	(1)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-2	(2)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-3	(3)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Aroclor-1268-4	(4)	8.22	8.22	8.22	8.22	8.22	8.22	8.12	8.32
Aroclor-1268-5	(5)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene	3.78	3.77	3.78	3.77	3.77	3.77	3.67	3.87

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CORE02
SDG NO.: Q3741

Calibration Date(s): 11/21/2025 11/21/2025
Calibration Times: 10:44 19:39

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP076599.D</u>		CF 750 = <u>PP076600.D</u>			
CF 500 = <u>PP076601.D</u>		CF 250 = <u>PP076602.D</u>		CF 050 = <u>PP076603.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	57708593	60284011	62720674	70146056	86715180	67514903
Aroclor-1016-2	(2)	87370224	91866497	94863778	106525840	123912700	100907808
Aroclor-1016-3	(3)	55014048	58179041	60501046	68146480	83131840	64994491
Aroclor-1016-4	(4)	45866425	48590819	50075960	56156272	67027420	53543379
Aroclor-1016-5	(5)	44467962	47019184	48926274	54576040	62856580	51569208
Aroclor-1260-1	(1)	73805780	77143584	80863582	91288048	111181860	86856571
Aroclor-1260-2	(2)	87101421	91325823	95770194	107029868	135552320	103355925
Aroclor-1260-3	(3)	68153614	71731653	74556476	83896084	103586280	80384821
Aroclor-1260-4	(4)	80664425	84387037	87985074	97767224	117554160	93671584
Aroclor-1260-5	(5)	148193731	153678800	158669232	175972884	213566900	170016309
Decachlorobiphenyl		1308548090	1363697893	1416143240	1583148160	1821861400	1498679757
Tetrachloro-m-xylene		1632622270	1686884480	1742740480	1876774200	2238526800	1835509646
Aroclor-1242-1	(1)	46820088	49495555	51408518	51802020	60136760	51932588
Aroclor-1242-2	(2)	69927193	74300271	78434750	76478716	89342220	77696630
Aroclor-1242-3	(3)	44603953	47284257	49953000	49585884	60152920	50316003
Aroclor-1242-4	(4)	36970364	39006845	41279374	41298156	49350320	41581012
Aroclor-1242-5	(5)	40380815	43273208	45507256	47172540	54801840	46227132
Decachlorobiphenyl		1250955220	1331366640	1381877340	1379254120	1600423400	1388775344
Tetrachloro-m-xylene		1571806280	1652818307	1692613960	1639542200	1904693000	1692294749
Aroclor-1248-1	(1)	36073269	37934815	40711200	44451532	43127200	40459603
Aroclor-1248-2	(2)	50000146	52867352	55993870	61932632	61150200	56388840
Aroclor-1248-3	(3)	55566335	58034408	62017348	68318008	67641780	62315576
Aroclor-1248-4	(4)	64403994	67793604	72096762	81581836	84852220	74145683
Aroclor-1248-5	(5)	63599425	66649801	71757734	83225952	78337200	72714022
Decachlorobiphenyl		1249447780	1292070840	1384857840	1528460280	1423697000	1375706748
Tetrachloro-m-xylene		1574270000	1618772787	1673222680	1811616160	1785283000	1692632925
Aroclor-1254-1	(1)	71656435	73094801	76839598	83916248	95588240	80219064
Aroclor-1254-2	(2)	95196281	100474461	108389070	119616740	139960620	112727434
Aroclor-1254-3	(3)	102399354	107941216	115149900	126570796	148664480	120145149
Aroclor-1254-4	(4)	78180335	82150911	87972230	96257768	106029800	90118209
Aroclor-1254-5	(5)	84891224	89223744	94355464	99145184	116356540	96794431
Decachlorobiphenyl		1271379670	1353876560	1432914580	1578042720	1693770400	1465996786
Tetrachloro-m-xylene		1587463770	1656217453	1731172560	1831394240	1978188800	1756887365
Aroclor-1268-1	(1)	185284719	196773012	206651882	228623276	257246740	214915926

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	174556125	185120223	194982316	214398960	237120540	201235633	12
Aroclor-1268-3	(3)	144029935	152659056	161257230	178389696	194435320	166154247	12
Aroclor-1268-4	(4)	72720190	77125884	81820048	89236340	95590360	83298564	11
Aroclor-1268-5	(5)	445375962	467824043	486648804	530281216	591465460	504319097	11
Decachlorobiphenyl		2103145540	2229946733	2356050020	2605971520	2869837800	2432990323	13
Tetrachloro-m-xylene		1592145550	1682577760	1746782760	1859352840	2045449600	1785261702	10

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CORE02
SDG NO.: Q3741

Calibration Date(s): 11/21/2025 11/21/2025
Calibration Times: 10:44 19:39

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP076599.D</u>		CF 750 = <u>PP076600.D</u>			
CF 500 = <u>PP076601.D</u>		CF 250 = <u>PP076602.D</u>		CF 050 = <u>PP076603.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	69284330	70804845	71449300	76694208	87621040	75170745 10
Aroclor-1016-2	(2)	104122902	106337112	106728386	113977468	124797320	111192638 8
Aroclor-1016-3	(3)	53613162	55061171	55762260	59522960	65859300	57963771 8
Aroclor-1016-4	(4)	41823980	43401780	44668820	48687932	55170840	46750670 11
Aroclor-1016-5	(5)	55742749	57230741	58964166	64122844	73641320	61940364 12
Aroclor-1260-1	(1)	99306847	101128783	103836720	111650784	129586700	109101967 11
Aroclor-1260-2	(2)	121008321	123078656	126124030	136041204	158654880	132981418 12
Aroclor-1260-3	(3)	113883356	115970629	117487594	125714324	146413640	123893909 11
Aroclor-1260-4	(4)	96232422	98264441	99716326	106139636	119039280	103878421 9
Aroclor-1260-5	(5)	235694647	238382773	237905118	249801344	273831240	247123024 6
Decachlorobiphenyl		1631798890	1658457733	1674372880	1797333600	2060619400	1764516501 10
Tetrachloro-m-xylene		2029594040	2049794933	2020131300	2090549040	2224542800	2082922423 4
Aroclor-1242-1	(1)	55846456	57386199	58152954	53306796	62776280	57493737 6
Aroclor-1242-2	(2)	82292663	85381189	86354650	80143412	87242420	84282867 4
Aroclor-1242-3	(3)	42952122	44235299	45123908	42052092	45839360	44040556 4
Aroclor-1242-4	(4)	41020216	42556281	43998486	41892464	46781360	43249761 5
Aroclor-1242-5	(5)	54892740	55577543	56552748	54423788	70165220	58322408 11
Decachlorobiphenyl		1561601020	1626952053	1628254580	1539884520	1715565200	1614451475 4
Tetrachloro-m-xylene		1982565500	2020394053	2002276380	1786858880	1908073400	1940033643 5
Aroclor-1248-1	(1)	41569992	42480253	44301150	47253764	44774880	44076008 5
Aroclor-1248-2	(2)	54299284	55737199	58630046	62694512	59777260	58227660 6
Aroclor-1248-3	(3)	57411768	58802539	61381284	66231484	63093400	61384095 6
Aroclor-1248-4	(4)	68531642	69993235	72796730	78273768	76330020	73185079 6
Aroclor-1248-5	(5)	72351458	74116725	87512792	87540176	99280300	84160290 13
Decachlorobiphenyl		1502488940	1528042440	1588582860	1696630800	1607749600	1584698928 5
Tetrachloro-m-xylene		1965268790	1970101347	1992281480	2022502760	1786610000	1947352875 5
Aroclor-1254-1	(1)	108376052	112150224	116858404	122914228	130906240	118241030 8
Aroclor-1254-2	(2)	93680624	97777644	103342076	111983640	133837560	108124309 15
Aroclor-1254-3	(3)	152849964	157484645	163154906	168476080	178969780	164187075 6
Aroclor-1254-4	(4)	96670996	100414949	103848536	107894352	110135520	103792871 5
Aroclor-1254-5	(5)	131464389	136042208	140591856	145925060	149848540	140774411 5
Decachlorobiphenyl		1541731170	1604172760	1652126120	1739157040	1816837400	1670804898 7
Tetrachloro-m-xylene		1985357600	2026009013	2048265880	2040842960	1966667000	2013428491 2
Aroclor-1268-1	(1)	264556427	274894625	279316682	289369552	298553780	281338213 5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	240850862	249890508	253434678	261757772	266698340	254526432	4
Aroclor-1268-3	(3)	194377273	201896009	205304164	211895436	218632500	206421076	5
Aroclor-1268-4	(4)	87883512	91300353	93471410	98130748	98806800	93918565	5
Aroclor-1268-5	(5)	616587385	634409216	638557228	650798496	642345620	636539589	2
Decachlorobiphenyl		2670092970	2765280333	2823888140	2956250080	3086571200	2860416545	6
Tetrachloro-m-xylene		1979033710	2058080493	2057299240	2063660600	2008890000	2033392809	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Instrument ID: ECD_P Date(s) Analyzed: 11/21/2025 11/21/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.82	4.72	4.92	25833800
		2	4.90	4.80	5.00	19927200
		3	4.98	4.88	5.08	55758000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.98	4.88	5.08	43472600
		2	5.51	5.41	5.61	22364600
		3	5.80	5.70	5.90	43924600
		4	5.96	5.86	6.06	22708400
		5	6.04	5.94	6.14	16825100
Aroclor-1262	500	1	8.20	8.10	8.30	98956600
		2	8.52	8.42	8.62	172451000
		3	8.84	8.74	8.94	125724000
		4	8.93	8.83	9.03	99218000
		5	9.59	9.49	9.69	71040600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Instrument ID: ECD_P Date(s) Analyzed: 11/21/2025 11/21/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.98	3.88	4.08	26717800
		2	4.07	3.97	4.17	19991600
		3	4.15	4.05	4.25	60271800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	47081000
		2	4.87	4.77	4.97	46115400
		3	5.05	4.95	5.15	24241400
		4	5.13	5.03	5.23	21532600
		5	5.30	5.20	5.40	23536200
Aroclor-1262	500	1	6.88	6.78	6.98	133315000
		2	7.14	7.04	7.24	119918000
		3	7.66	7.56	7.76	98515200
		4	7.72	7.62	7.82	174485000
		5	8.22	8.12	8.32	80357800

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Continuing Calib Date: 12/03/2025 Initial Calibration Date(s): 11/04/2025 11/04/2025

Continuing Calib Time: 09:34 Initial Calibration Time(s): 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.47	5.49	5.39	5.59	0.02
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
Continuing Calib Date: 12/03/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025
Continuing Calib Time: 09:34 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.71	4.73	4.63	4.83	0.02
Aroclor-1016-2	(2)	4.73	4.75	4.65	4.85	0.02
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115552.D **Time Analyzed:** 09:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.474	5.387	5.587	470.340	500.000	-5.9
Aroclor-1016-2	5.497	5.408	5.608	505.670	500.000	1.1
Aroclor-1016-3	5.559	5.470	5.670	559.330	500.000	11.9
Aroclor-1016-4	5.654	5.566	5.766	541.740	500.000	8.3
Aroclor-1016-5	5.946	5.858	6.058	522.030	500.000	4.4
Aroclor-1260-1	7.060	6.971	7.171	518.800	500.000	3.8
Aroclor-1260-2	7.313	7.225	7.425	539.800	500.000	8.0
Aroclor-1260-3	7.671	7.582	7.782	522.570	500.000	4.5
Aroclor-1260-4	7.893	7.803	8.003	501.910	500.000	0.4
Aroclor-1260-5	8.199	8.110	8.310	491.180	500.000	-1.8
Decachlorobiphenyl	9.911	9.830	10.030	58.250	50.000	16.5
Tetrachloro-m-xylene	4.336	4.248	4.448	56.580	50.000	13.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115552.D **Time Analyzed:** 09:34

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.714	4.628	4.828	483.410	500.000	-3.3
Aroclor-1016-2	4.734	4.647	4.847	463.460	500.000	-7.3
Aroclor-1016-3	4.908	4.821	5.021	430.720	500.000	-13.9
Aroclor-1016-4	4.950	4.864	5.064	406.600	500.000	-18.7
Aroclor-1016-5	5.162	5.076	5.276	538.120	500.000	7.6
Aroclor-1260-1	6.191	6.106	6.306	441.910	500.000	-11.6
Aroclor-1260-2	6.379	6.294	6.494	409.120	500.000	-18.2
Aroclor-1260-3	6.531	6.446	6.646	416.000	500.000	-16.8
Aroclor-1260-4	7.002	6.917	7.117	410.560	500.000	-17.9
Aroclor-1260-5	7.243	7.158	7.358	412.150	500.000	-17.6
Decachlorobiphenyl	8.623	8.541	8.741	53.610	50.000	7.2
Tetrachloro-m-xylene	3.640	3.548	3.748	52.170	50.000	4.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
Continuing Calib Date: 12/03/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025
Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.02
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
Continuing Calib Date: 12/03/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025
Continuing Calib Time: 14:22 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.73	4.75	4.65	4.85	0.02
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115565.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.475	5.387	5.587	486.940	500.000	-2.6
Aroclor-1016-2	5.496	5.408	5.608	462.390	500.000	-7.5
Aroclor-1016-3	5.557	5.470	5.670	489.160	500.000	-2.2
Aroclor-1016-4	5.654	5.566	5.766	479.290	500.000	-4.1
Aroclor-1016-5	5.945	5.858	6.058	473.190	500.000	-5.4
Aroclor-1260-1	7.059	6.971	7.171	504.760	500.000	1.0
Aroclor-1260-2	7.313	7.225	7.425	514.490	500.000	2.9
Aroclor-1260-3	7.670	7.582	7.782	508.230	500.000	1.6
Aroclor-1260-4	7.893	7.803	8.003	477.910	500.000	-4.4
Aroclor-1260-5	8.199	8.110	8.310	468.510	500.000	-6.3
Decachlorobiphenyl	9.914	9.830	10.030	57.970	50.000	15.9
Tetrachloro-m-xylene	4.336	4.248	4.448	57.090	50.000	14.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO115565.D **Time Analyzed:** 14:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.715	4.628	4.828	488.550	500.000	-2.3
Aroclor-1016-2	4.734	4.647	4.847	467.850	500.000	-6.4
Aroclor-1016-3	4.908	4.821	5.021	469.280	500.000	-6.1
Aroclor-1016-4	4.949	4.864	5.064	415.460	500.000	-16.9
Aroclor-1016-5	5.162	5.076	5.276	547.590	500.000	9.5
Aroclor-1260-1	6.191	6.106	6.306	431.240	500.000	-13.8
Aroclor-1260-2	6.379	6.294	6.494	402.390	500.000	-19.5
Aroclor-1260-3	6.531	6.446	6.646	394.340	500.000	-21.1
Aroclor-1260-4	7.002	6.917	7.117	392.140	500.000	-21.6
Aroclor-1260-5	7.244	7.158	7.358	391.850	500.000	-21.6
Decachlorobiphenyl	8.624	8.541	8.741	50.710	50.000	1.4
Tetrachloro-m-xylene	3.640	3.548	3.748	53.110	50.000	6.2

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Continuing Calib Date:	<u>12/03/2025</u>	Initial Calibration Date(s):	<u>11/21/2025</u> <u>11/21/2025</u>
Continuing Calib Time:	<u>10:05</u>	Initial Calibration Time(s):	<u>10:44</u> <u>19:39</u>

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.77	5.77	5.67	5.87	0.00
Aroclor-1016-2	(2)	5.79	5.79	5.69	5.89	0.00
Aroclor-1016-3	(3)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-4	(4)	5.95	5.95	5.85	6.05	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.36	7.36	7.26	7.46	0.00
Aroclor-1260-2	(2)	7.61	7.61	7.51	7.71	0.00
Aroclor-1260-3	(3)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-4	(4)	8.20	8.19	8.09	8.29	-0.01
Aroclor-1260-5	(5)	8.52	8.52	8.42	8.62	0.00
Tetrachloro-m-xylene		4.62	4.61	4.51	4.71	-0.01
Decachlorobiphenyl		10.37	10.37	10.27	10.47	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
Continuing Calib Date: 12/03/2025 **Initial Calibration Date(s):** 11/21/2025 11/21/2025
Continuing Calib Time: 10:05 **Initial Calibration Time(s):** 10:44 19:39

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-3	(3)	5.04	5.04	4.94	5.14	0.00
Aroclor-1016-4	(4)	5.09	5.08	4.98	5.18	-0.01
Aroclor-1016-5	(5)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-1	(1)	6.33	6.32	6.22	6.42	-0.01
Aroclor-1260-2	(2)	6.51	6.51	6.41	6.61	0.00
Aroclor-1260-3	(3)	6.67	6.66	6.56	6.76	0.00
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.00
Tetrachloro-m-xylene		3.77	3.77	3.67	3.87	0.00
Decachlorobiphenyl		8.77	8.77	8.67	8.87	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076744.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.770	5.667	5.867	510.750	500.000	2.2
Aroclor-1016-2	5.791	5.687	5.887	528.080	500.000	5.6
Aroclor-1016-3	5.854	5.750	5.950	523.240	500.000	4.6
Aroclor-1016-4	5.951	5.847	6.047	524.670	500.000	4.9
Aroclor-1016-5	6.243	6.140	6.340	522.370	500.000	4.5
Aroclor-1260-1	7.360	7.256	7.456	518.740	500.000	3.7
Aroclor-1260-2	7.613	7.509	7.709	506.520	500.000	1.3
Aroclor-1260-3	7.971	7.867	8.067	509.450	500.000	1.9
Aroclor-1260-4	8.197	8.093	8.293	504.520	500.000	0.9
Aroclor-1260-5	8.521	8.416	8.616	503.010	500.000	0.6
Decachlorobiphenyl	10.370	10.265	10.465	51.220	50.000	2.4
Tetrachloro-m-xylene	4.618	4.514	4.714	53.610	50.000	7.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076744.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.851	4.750	4.950	567.100	500.000	13.4
Aroclor-1016-2	4.869	4.767	4.967	589.400	500.000	17.9
Aroclor-1016-3	5.044	4.942	5.142	581.550	500.000	16.3
Aroclor-1016-4	5.086	4.984	5.184	541.860	500.000	8.4
Aroclor-1016-5	5.298	5.197	5.397	629.900	500.000	26.0
Aroclor-1260-1	6.326	6.224	6.424	582.440	500.000	16.5
Aroclor-1260-2	6.513	6.412	6.612	587.660	500.000	17.5
Aroclor-1260-3	6.665	6.564	6.764	565.210	500.000	13.0
Aroclor-1260-4	7.134	7.033	7.233	570.270	500.000	14.1
Aroclor-1260-5	7.374	7.273	7.473	563.180	500.000	12.6
Decachlorobiphenyl	8.766	8.666	8.866	54.980	50.000	10.0
Tetrachloro-m-xylene	3.773	3.671	3.871	58.990	50.000	18.0

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Continuing Calib Date:	<u>12/03/2025</u>	Initial Calibration Date(s):	<u>11/21/2025</u> <u>11/21/2025</u>
Continuing Calib Time:	<u>17:01</u>	Initial Calibration Time(s):	<u>10:44</u> <u>19:39</u>

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.77	5.77	5.67	5.87	0.00
Aroclor-1016-2	(2)	5.79	5.79	5.69	5.89	0.00
Aroclor-1016-3	(3)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-4	(4)	5.95	5.95	5.85	6.05	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.36	7.36	7.26	7.46	0.00
Aroclor-1260-2	(2)	7.61	7.61	7.51	7.71	0.00
Aroclor-1260-3	(3)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-4	(4)	8.20	8.19	8.09	8.29	-0.01
Aroclor-1260-5	(5)	8.52	8.52	8.42	8.62	0.00
Tetrachloro-m-xylene		4.62	4.61	4.51	4.71	-0.01
Decachlorobiphenyl		10.37	10.37	10.27	10.47	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3741

Continuing Calib Date: 12/03/2025 Initial Calibration Date(s): 11/21/2025 11/21/2025

Continuing Calib Time: 17:01 Initial Calibration Time(s): 10:44 19:39

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-3	(3)	5.04	5.04	4.94	5.14	0.00
Aroclor-1016-4	(4)	5.09	5.08	4.98	5.18	-0.01
Aroclor-1016-5	(5)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-1	(1)	6.33	6.32	6.22	6.42	-0.01
Aroclor-1260-2	(2)	6.51	6.51	6.41	6.61	0.00
Aroclor-1260-3	(3)	6.67	6.66	6.56	6.76	0.00
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.38	7.37	7.27	7.47	-0.01
Tetrachloro-m-xylene		3.77	3.77	3.67	3.87	0.00
Decachlorobiphenyl		8.77	8.77	8.67	8.87	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076758.D **Time Analyzed:** 17:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.771	5.667	5.867	498.120	500.000	-0.4
Aroclor-1016-2	5.792	5.687	5.887	504.450	500.000	0.9
Aroclor-1016-3	5.854	5.750	5.950	500.530	500.000	0.1
Aroclor-1016-4	5.951	5.847	6.047	501.070	500.000	0.2
Aroclor-1016-5	6.244	6.140	6.340	510.060	500.000	2.0
Aroclor-1260-1	7.361	7.256	7.456	500.150	500.000	0.0
Aroclor-1260-2	7.613	7.509	7.709	489.260	500.000	-2.1
Aroclor-1260-3	7.972	7.867	8.067	493.290	500.000	-1.3
Aroclor-1260-4	8.198	8.093	8.293	488.420	500.000	-2.3
Aroclor-1260-5	8.521	8.416	8.616	488.930	500.000	-2.2
Decachlorobiphenyl	10.369	10.265	10.465	49.550	50.000	-0.9
Tetrachloro-m-xylene	4.618	4.514	4.714	50.000	50.000	0.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076758.D **Time Analyzed:** 17:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.852	4.750	4.950	508.130	500.000	1.6
Aroclor-1016-2	4.869	4.767	4.967	516.310	500.000	3.3
Aroclor-1016-3	5.044	4.942	5.142	515.230	500.000	3.0
Aroclor-1016-4	5.087	4.984	5.184	484.990	500.000	-3.0
Aroclor-1016-5	5.299	5.197	5.397	552.140	500.000	10.4
Aroclor-1260-1	6.326	6.224	6.424	512.690	500.000	2.5
Aroclor-1260-2	6.513	6.412	6.612	519.620	500.000	3.9
Aroclor-1260-3	6.665	6.564	6.764	497.970	500.000	-0.4
Aroclor-1260-4	7.134	7.033	7.233	503.740	500.000	0.7
Aroclor-1260-5	7.375	7.273	7.473	500.140	500.000	0.0
Decachlorobiphenyl	8.767	8.666	8.866	49.010	50.000	-2.0
Tetrachloro-m-xylene	3.774	3.671	3.871	51.820	50.000	3.6

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3741</u>
Continuing Calib Date:	<u>12/03/2025</u>	Initial Calibration Date(s):	<u>11/21/2025</u> <u>11/21/2025</u>
Continuing Calib Time:	<u>22:14</u>	Initial Calibration Time(s):	<u>10:44</u> <u>19:39</u>

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.77	5.77	5.67	5.87	0.00
Aroclor-1016-2	(2)	5.79	5.79	5.69	5.89	0.00
Aroclor-1016-3	(3)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-4	(4)	5.95	5.95	5.85	6.05	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.36	7.36	7.26	7.46	0.00
Aroclor-1260-2	(2)	7.61	7.61	7.51	7.71	0.00
Aroclor-1260-3	(3)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-4	(4)	8.19	8.19	8.09	8.29	0.00
Aroclor-1260-5	(5)	8.52	8.52	8.42	8.62	0.00
Tetrachloro-m-xylene		4.61	4.61	4.51	4.71	0.00
Decachlorobiphenyl		10.36	10.37	10.27	10.47	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Continuing Calib Date: 12/03/2025

Initial Calibration Date(s): 11/21/2025

11/21/2025

Continuing Calib Time: 22:14

Initial Calibration Time(s): 10:44

19:39

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-3	(3)	5.04	5.04	4.94	5.14	0.00
Aroclor-1016-4	(4)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-5	(5)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-1	(1)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-2	(2)	6.51	6.51	6.41	6.61	0.00
Aroclor-1260-3	(3)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.00
Tetrachloro-m-xylene		3.77	3.77	3.67	3.87	0.00
Decachlorobiphenyl		8.76	8.77	8.67	8.87	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076773.D **Time Analyzed:** 22:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.766	5.667	5.867	465.250	500.000	-7.0
Aroclor-1016-2	5.788	5.687	5.887	470.570	500.000	-5.9
Aroclor-1016-3	5.850	5.750	5.950	468.280	500.000	-6.3
Aroclor-1016-4	5.947	5.847	6.047	470.850	500.000	-5.8
Aroclor-1016-5	6.240	6.140	6.340	471.200	500.000	-5.8
Aroclor-1260-1	7.357	7.256	7.456	472.690	500.000	-5.5
Aroclor-1260-2	7.610	7.509	7.709	467.230	500.000	-6.6
Aroclor-1260-3	7.967	7.867	8.067	460.200	500.000	-8.0
Aroclor-1260-4	8.193	8.093	8.293	462.150	500.000	-7.6
Aroclor-1260-5	8.517	8.416	8.616	459.120	500.000	-8.2
Decachlorobiphenyl	10.364	10.265	10.465	46.590	50.000	-6.8
Tetrachloro-m-xylene	4.614	4.514	4.714	46.540	50.000	-6.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3741
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 12/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076773.D **Time Analyzed:** 22:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.848	4.750	4.950	466.600	500.000	-6.7
Aroclor-1016-2	4.865	4.767	4.967	484.680	500.000	-3.1
Aroclor-1016-3	5.040	4.942	5.142	480.910	500.000	-3.8
Aroclor-1016-4	5.083	4.984	5.184	444.350	500.000	-11.1
Aroclor-1016-5	5.294	5.197	5.397	532.260	500.000	6.5
Aroclor-1260-1	6.322	6.224	6.424	475.390	500.000	-4.9
Aroclor-1260-2	6.510	6.412	6.612	486.710	500.000	-2.7
Aroclor-1260-3	6.661	6.564	6.764	464.200	500.000	-7.2
Aroclor-1260-4	7.131	7.033	7.233	468.820	500.000	-6.2
Aroclor-1260-5	7.371	7.273	7.473	466.280	500.000	-6.7
Decachlorobiphenyl	8.763	8.666	8.866	46.330	50.000	-7.3
Tetrachloro-m-xylene	3.770	3.671	3.871	48.400	50.000	-3.2

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q3741
Project: Building 50 Probe Investigation	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	12/03/2025	09:34	PO115552.D	9.91	4.34
IBLK	IBLK	12/03/2025	10:48	PO115556.D	9.91	4.34
B50-SP3-111925	Q3741-01	12/03/2025	12:50	PO115561.D	9.91	4.34
B50-SP13-112025	Q3741-02	12/03/2025	13:08	PO115562.D	9.92	4.34
B50-SP14-112025	Q3741-03	12/03/2025	13:27	PO115563.D	9.91	4.34
B50-SP9-112425	Q3741-04	12/03/2025	13:45	PO115564.D	9.91	4.34
AR1660CCC500	AR1660CCC500	12/03/2025	14:22	PO115565.D	9.91	4.34
IBLK	IBLK	12/03/2025	15:35	PO115569.D	9.91	4.34
IBLK	IBLK	11/21/2025	10:27	PP076598.D	10.37	4.62
AR1660ICC1000	AR1660ICC1000	11/21/2025	10:44	PP076599.D	10.37	4.62
AR1660ICC750	AR1660ICC750	11/21/2025	11:00	PP076600.D	10.37	4.62
AR1660ICC500	AR1660ICC500	11/21/2025	11:17	PP076601.D	10.37	4.61
AR1660ICC250	AR1660ICC250	11/21/2025	11:33	PP076602.D	10.37	4.62

Analytical Sequence

AR1660ICC050	AR1660ICC050	11/21/2025	11:49	PP076603.D	10.36	4.62
AR1221ICC500	AR1221ICC500	11/21/2025	12:38	PP076604.D	10.37	4.62
AR1232ICC500	AR1232ICC500	11/21/2025	12:56	PP076605.D	10.38	4.62
AR1242ICC1000	AR1242ICC1000	11/21/2025	13:15	PP076606.D	10.38	4.62
AR1242ICC750	AR1242ICC750	11/21/2025	13:32	PP076607.D	10.37	4.62
AR1242ICC500	AR1242ICC500	11/21/2025	13:48	PP076608.D	10.37	4.62
AR1242ICC250	AR1242ICC250	11/21/2025	14:05	PP076609.D	10.37	4.62
AR1242ICC050	AR1242ICC050	11/21/2025	14:21	PP076610.D	10.37	4.62
AR1248ICC1000	AR1248ICC1000	11/21/2025	14:54	PP076611.D	10.37	4.62
AR1248ICC750	AR1248ICC750	11/21/2025	15:10	PP076612.D	10.37	4.62
AR1248ICC500	AR1248ICC500	11/21/2025	15:32	PP076613.D	10.38	4.63
AR1248ICC250	AR1248ICC250	11/21/2025	15:49	PP076614.D	10.37	4.62
AR1248ICC050	AR1248ICC050	11/21/2025	16:05	PP076615.D	10.37	4.62
AR1254ICC1000	AR1254ICC1000	11/21/2025	16:38	PP076616.D	10.37	4.62
AR1254ICC750	AR1254ICC750	11/21/2025	16:55	PP076617.D	10.37	4.62
AR1254ICC500	AR1254ICC500	11/21/2025	17:11	PP076618.D	10.37	4.62
AR1254ICC250	AR1254ICC250	11/21/2025	17:28	PP076619.D	10.36	4.61
AR1254ICC050	AR1254ICC050	11/21/2025	17:44	PP076620.D	10.37	4.62
AR1262ICC500	AR1262ICC500	11/21/2025	18:17	PP076621.D	10.37	4.62
AR1268ICC1000	AR1268ICC1000	11/21/2025	18:33	PP076622.D	10.37	4.62
AR1268ICC750	AR1268ICC750	11/21/2025	18:50	PP076623.D	10.37	4.62
AR1268ICC500	AR1268ICC500	11/21/2025	19:06	PP076624.D	10.37	4.62
AR1268ICC250	AR1268ICC250	11/21/2025	19:23	PP076625.D	10.37	4.62
AR1268ICC050	AR1268ICC050	11/21/2025	19:39	PP076626.D	10.37	4.62
AR1660CCC500	AR1660CCC500	12/03/2025	10:05	PP076744.D	10.37	4.62
I.BLK	I.BLK	12/03/2025	13:11	PP076748.D	10.37	4.62
B50-SP11-112525	Q3741-05	12/03/2025	14:03	PP076751.D	10.36	4.61
B50-SP11-112525MS	Q3741-05MS	12/03/2025	14:20	PP076752.D	10.37	4.62
B50-SP11-112525MSD	Q3741-05MSD	12/03/2025	14:36	PP076753.D	10.37	4.62
B50-SP4-112525	Q3741-06	12/03/2025	14:53	PP076754.D	10.36	4.61
AR1660CCC500	AR1660CCC500	12/03/2025	17:01	PP076758.D	10.37	4.62
I.BLK	I.BLK	12/03/2025	18:23	PP076762.D	10.37	4.62
PB170795BL	PB170795BL	12/03/2025	18:40	PP076763.D	10.36	4.62
PB170795BS	PB170795BS	12/03/2025	18:56	PP076764.D	10.36	4.62
AR1660CCC500	AR1660CCC500	12/03/2025	22:14	PP076773.D	10.36	4.61
I.BLK	I.BLK	12/03/2025	23:36	PP076777.D	10.37	4.62

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q3741
Project: Building 50 Probe Investigation	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	12/03/2025	09:34	PO115552.D	8.62	3.64
IBLK	IBLK	12/03/2025	10:48	PO115556.D	8.62	3.64
B50-SP3-111925	Q3741-01	12/03/2025	12:50	PO115561.D	8.62	3.64
B50-SP13-112025	Q3741-02	12/03/2025	13:08	PO115562.D	8.62	3.64
B50-SP14-112025	Q3741-03	12/03/2025	13:27	PO115563.D	8.62	3.64
B50-SP9-112425	Q3741-04	12/03/2025	13:45	PO115564.D	8.62	3.64
AR1660CCC500	AR1660CCC500	12/03/2025	14:22	PO115565.D	8.62	3.64
IBLK	IBLK	12/03/2025	15:35	PO115569.D	8.62	3.64
IBLK	IBLK	11/21/2025	10:27	PP076598.D	8.77	3.78
AR1660ICC1000	AR1660ICC1000	11/21/2025	10:44	PP076599.D	8.77	3.78
AR1660ICC750	AR1660ICC750	11/21/2025	11:00	PP076600.D	8.77	3.77
AR1660ICC500	AR1660ICC500	11/21/2025	11:17	PP076601.D	8.77	3.77
AR1660ICC250	AR1660ICC250	11/21/2025	11:33	PP076602.D	8.77	3.78

Analytical Sequence

AR1660ICC050	AR1660ICC050	11/21/2025	11:49	PP076603.D	8.77	3.77
AR1221ICC500	AR1221ICC500	11/21/2025	12:38	PP076604.D	8.77	3.77
AR1232ICC500	AR1232ICC500	11/21/2025	12:56	PP076605.D	8.77	3.77
AR1242ICC1000	AR1242ICC1000	11/21/2025	13:15	PP076606.D	8.77	3.77
AR1242ICC750	AR1242ICC750	11/21/2025	13:32	PP076607.D	8.77	3.77
AR1242ICC500	AR1242ICC500	11/21/2025	13:48	PP076608.D	8.77	3.77
AR1242ICC250	AR1242ICC250	11/21/2025	14:05	PP076609.D	8.77	3.77
AR1242ICC050	AR1242ICC050	11/21/2025	14:21	PP076610.D	8.77	3.77
AR1248ICC1000	AR1248ICC1000	11/21/2025	14:54	PP076611.D	8.77	3.77
AR1248ICC750	AR1248ICC750	11/21/2025	15:10	PP076612.D	8.77	3.77
AR1248ICC500	AR1248ICC500	11/21/2025	15:32	PP076613.D	8.77	3.78
AR1248ICC250	AR1248ICC250	11/21/2025	15:49	PP076614.D	8.77	3.77
AR1248ICC050	AR1248ICC050	11/21/2025	16:05	PP076615.D	8.77	3.77
AR1254ICC1000	AR1254ICC1000	11/21/2025	16:38	PP076616.D	8.77	3.77
AR1254ICC750	AR1254ICC750	11/21/2025	16:55	PP076617.D	8.77	3.78
AR1254ICC500	AR1254ICC500	11/21/2025	17:11	PP076618.D	8.77	3.77
AR1254ICC250	AR1254ICC250	11/21/2025	17:28	PP076619.D	8.77	3.77
AR1254ICC050	AR1254ICC050	11/21/2025	17:44	PP076620.D	8.77	3.78
AR1262ICC500	AR1262ICC500	11/21/2025	18:17	PP076621.D	8.77	3.77
AR1268ICC1000	AR1268ICC1000	11/21/2025	18:33	PP076622.D	8.77	3.78
AR1268ICC750	AR1268ICC750	11/21/2025	18:50	PP076623.D	8.77	3.77
AR1268ICC500	AR1268ICC500	11/21/2025	19:06	PP076624.D	8.77	3.78
AR1268ICC250	AR1268ICC250	11/21/2025	19:23	PP076625.D	8.77	3.77
AR1268ICC050	AR1268ICC050	11/21/2025	19:39	PP076626.D	8.77	3.77
AR1660CCC500	AR1660CCC500	12/03/2025	10:05	PP076744.D	8.77	3.77
I.BLK	I.BLK	12/03/2025	13:11	PP076748.D	8.77	3.77
B50-SP11-112525	Q3741-05	12/03/2025	14:03	PP076751.D	8.76	3.77
B50-SP11-112525MS	Q3741-05MS	12/03/2025	14:20	PP076752.D	8.77	3.77
B50-SP11-112525MSD	Q3741-05MSD	12/03/2025	14:36	PP076753.D	8.77	3.77
B50-SP4-112525	Q3741-06	12/03/2025	14:53	PP076754.D	8.76	3.77
AR1660CCC500	AR1660CCC500	12/03/2025	17:01	PP076758.D	8.77	3.77
I.BLK	I.BLK	12/03/2025	18:23	PP076762.D	8.77	3.77
PB170795BL	PB170795BL	12/03/2025	18:40	PP076763.D	8.76	3.77
PB170795BS	PB170795BS	12/03/2025	18:56	PP076764.D	8.76	3.77
AR1660CCC500	AR1660CCC500	12/03/2025	22:14	PP076773.D	8.76	3.77
I.BLK	I.BLK	12/03/2025	23:36	PP076777.D	8.77	3.77



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170795BL		SDG No.:	Q3741
Lab Sample ID:	PB170795BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	12/03/25 18:40	PB170795
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	12/03/25 18:40	PB170795
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	12/03/25 18:40	PB170795
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	12/03/25 18:40	PB170795
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	12/03/25 18:40	PB170795
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	12/03/25 18:40	PB170795
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	12/03/25 18:40	PB170795
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	12/03/25 18:40	PB170795
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	12/03/25 18:40	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			21 - 165	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.0			10 - 170	115%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/04/25
Project:	Building 50 Probe Investigation		Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PO114870.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			60 - 140	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			60 - 140	84%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/03/25
Project:	Building 50 Probe Investigation		Date Received:	12/03/25
Client Sample ID:	PIBLK-PO115556.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PO115556.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/03/25	PO120325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/03/25	PO120325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/03/25	PO120325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/03/25	PO120325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/03/25	PO120325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/03/25	PO120325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/03/25	PO120325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/03/25	PO120325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/03/25	PO120325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			60 - 140	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.9			60 - 140	120%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/03/25
Project:	Building 50 Probe Investigation		Date Received:	12/03/25
Client Sample ID:	PIBLK-PO115569.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PO115569.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/03/25	PO120325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/03/25	PO120325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/03/25	PO120325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/03/25	PO120325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/03/25	PO120325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/03/25	PO120325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/03/25	PO120325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/03/25	PO120325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/03/25	PO120325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.1			60 - 140	120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.8			60 - 140	119%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/21/25
Project:	Building 50 Probe Investigation		Date Received:	11/21/25
Client Sample ID:	PIBLK-PP076598.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PP076598.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/21/25	PP112125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/21/25	PP112125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/21/25	PP112125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/21/25	PP112125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/21/25	PP112125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/21/25	PP112125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/21/25	PP112125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/21/25	PP112125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/21/25	PP112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.3			60 - 140	106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.1			60 - 140	110%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/03/25
Project:	Building 50 Probe Investigation		Date Received:	12/03/25
Client Sample ID:	PIBLK-PP076748.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PP076748.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/03/25	PP120325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/03/25	PP120325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/03/25	PP120325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/03/25	PP120325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/03/25	PP120325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/03/25	PP120325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/03/25	PP120325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/03/25	PP120325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/03/25	PP120325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.5			60 - 140	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.8			60 - 140	134%	SPK: 20		

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M = MS/MSD acceptance criteria did not meet requirements

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/03/25
Project:	Building 50 Probe Investigation		Date Received:	12/03/25
Client Sample ID:	PIBLK-PP076762.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PP076762.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/03/25	PP120325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/03/25	PP120325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/03/25	PP120325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/03/25	PP120325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/03/25	PP120325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/03/25	PP120325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/03/25	PP120325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/03/25	PP120325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/03/25	PP120325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.8			60 - 140	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.0			60 - 140	120%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	12/03/25
Project:	Building 50 Probe Investigation		Date Received:	12/03/25
Client Sample ID:	PIBLK-PP076777.D		SDG No.:	Q3741
Lab Sample ID:	I.BLK-PP076777.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	12/03/25	PP120325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	12/03/25	PP120325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	12/03/25	PP120325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	12/03/25	PP120325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	12/03/25	PP120325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	12/03/25	PP120325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	12/03/25	PP120325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	12/03/25	PP120325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	12/03/25	PP120325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			60 - 140	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.7			60 - 140	118%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170795BS		SDG No.:	Q3741
Lab Sample ID:	PB170795BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	139		1	3.90	17.0	ug/kg	12/03/25 18:56	PB170795
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	12/03/25 18:56	PB170795
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	12/03/25 18:56	PB170795
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	12/03/25 18:56	PB170795
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	12/03/25 18:56	PB170795
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	12/03/25 18:56	PB170795
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	12/03/25 18:56	PB170795
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	12/03/25 18:56	PB170795
11096-82-5	Aroclor-1260	135		1	3.20	17.0	ug/kg	12/03/25 18:56	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			21 - 165	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.4			10 - 170	117%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525MS	SDG No.:	Q3741
Lab Sample ID:	Q3741-05MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.6
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	160		1	4.70	20.0	ug/kg	12/03/25 14:20	PB170795
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.0	ug/kg	12/03/25 14:20	PB170795
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.0	ug/kg	12/03/25 14:20	PB170795
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.0	ug/kg	12/03/25 14:20	PB170795
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.0	ug/kg	12/03/25 14:20	PB170795
11097-69-1	Aroclor-1254	107		1	3.80	20.0	ug/kg	12/03/25 14:20	PB170795
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.0	ug/kg	12/03/25 14:20	PB170795
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.0	ug/kg	12/03/25 14:20	PB170795
11096-82-5	Aroclor-1260	150		1	3.80	20.0	ug/kg	12/03/25 14:20	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.1			21 - 165	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			10 - 170	100%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-05MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	163		1	4.70	20.1	ug/kg	12/03/25 14:36	PB170795
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.1	ug/kg	12/03/25 14:36	PB170795
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.1	ug/kg	12/03/25 14:36	PB170795
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.1	ug/kg	12/03/25 14:36	PB170795
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.1	ug/kg	12/03/25 14:36	PB170795
11097-69-1	Aroclor-1254	108		1	3.80	20.1	ug/kg	12/03/25 14:36	PB170795
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.1	ug/kg	12/03/25 14:36	PB170795
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.1	ug/kg	12/03/25 14:36	PB170795
11096-82-5	Aroclor-1260	152		1	3.80	20.1	ug/kg	12/03/25 14:36	PB170795
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			21 - 165	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.5			10 - 170	103%	SPK: 20		

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	Diesel Range Organics	8015D	11/19/25	12/03/25	12/04/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	Diesel Range Organics	8015D	11/20/25	12/03/25	12/04/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	Diesel Range Organics	8015D	11/20/25	12/03/25	12/05/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	Diesel Range Organics	8015D	11/24/25	12/03/25	12/04/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	Diesel Range Organics PCB	8015D 8082A	11/25/25	12/03/25 12/03/25	12/04/25 12/03/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	Diesel Range Organics PCB	8015D 8082A	11/25/25	12/03/25 12/03/25	12/05/25 12/03/25	11/26/25



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.6
Sample Wt/Vol:	30.03 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6180		1	184	1820	ug/kg	12/04/25 20:47	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	8.50			37 - 130	42%	SPK: 20		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	86.4
Sample Wt/Vol:	30.04 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	19500		1	195	1930	ug/kg	12/04/25 22:15	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	10.4			37 - 130	52%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	87.3
Sample Wt/Vol:	30.07 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	213000		10	1930	19000	ug/kg	12/05/25 13:23	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	1.71			37 - 130	86%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.2
Sample Wt/Vol:	30.02 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	4680		1	198	1960	ug/kg	12/04/25 23:13	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	9.57			37 - 130	48%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/25/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525		SDG No.:	Q3741
Lab Sample ID:	Q3741-05		Matrix:	SOIL
Analytical Method:	8015D DRO		% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541	Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	44000		1	199	1970	ug/kg	12/04/25 23:42	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	10.7			37 - 130	53%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.9
Sample Wt/Vol:	30.09 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	7820		1	196	1930	ug/kg	12/05/25 0:12	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	11.4			37 - 130	57%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Core Environmental Consultants and Service

Lab Code: ACE

SDG No.: Q3741

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FG017071.D	108				0
PIBLK-FG017084.D	107				0
PIBLK-FG017087.D	130				0
PIBLK-FG017091.D	123				0
PB170825BL	78				0
PB170825BS	85				0
B50-SP3-111925	42				0
B50-SP3-111925MS	46				0
B50-SP3-111925MSD	42				0
B50-SP13-112025	52				0
B50-SP14-112025	86				0
B50-SP9-112425	48				0
B50-SP11-112525	53				0
B50-SP4-112525	57				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Services,
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : B50-SP3-111925MS **Datafile:** FG017077.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7263	6180	11565	74%		68-131

A

B

C

D

E

F

G

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Services,
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : B50-SP3-111925MSD **Datafile:** FG017078.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7259	6180	11253	70%		68-131

MS/MSD % Recovery RPD : 6

SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance **Client:** Core Environmental Consultants and Services, Inc.
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : PB170825BS **Datafile:** FG017075.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6662	0	5331	80	68-131

A

B

C

D

E

F

G

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170825BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: FG017074.D

Lab Sample ID: PB170825BL

Instrument ID: FG

Date Extracted: 12/04/2025

Matrix: (soil/water) Soil

Date Analyzed: 12/04/25

Level: (low/med) low

Time Analyzed: 19:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170825BS	PB170825BS	FG017075.D	12/04/25
B50-SP3-111925	Q3741-01	FG017076.D	12/04/25
B50-SP3-111925MS	Q3741-01MS	FG017077.D	12/04/25
B50-SP3-111925MSD	Q3741-01MSD	FG017078.D	12/04/25
B50-SP13-112025	Q3741-02	FG017079.D	12/04/25
B50-SP9-112425	Q3741-04	FG017081.D	12/04/25
B50-SP11-112525	Q3741-05	FG017082.D	12/04/25
B50-SP4-112525	Q3741-06	FG017083.D	12/05/25
B50-SP14-112025	Q3741-03	FG017090.D	12/05/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170825BL	SDG No.:	Q3741
Lab Sample ID:	PB170825BL	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	169	U	1	169	1670	ug/kg	12/04/25 19:48	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	15.5			37 - 130	78%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	12/04/25
Project:	Building 50 Probe Investigation	Date Received:	12/04/25
Client Sample ID:	PIBLK-FG017071.D	SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017071.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/04/25	FG120425
SURROGATES									
16416-32-3	Tetracosane-d50	21.5			29 - 130	108%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	12/05/25
Project:	Building 50 Probe Investigation	Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017084.D	SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017084.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120425
SURROGATES									
16416-32-3	Tetracosane-d50	21.5			29 - 130	107%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	12/05/25
Project:	Building 50 Probe Investigation	Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017087.D	SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017087.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120525
SURROGATES									
16416-32-3	Tetracosane-d50	25.9			29 - 130	130%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	12/05/25
Project:	Building 50 Probe Investigation	Date Received:	12/05/25
Client Sample ID:	PIBLK-FG017091.D	SDG No.:	Q3741
Lab Sample ID:	I.BLK-FG017091.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1 mL
Prep Method:	SW3510	Test:	Diesel Range Organics
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	6.00	U	1	6.00	50.0	ug/L	12/05/25	FG120525
SURROGATES									
16416-32-3	Tetracosane-d50	24.6			29 - 130	123%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	PB170825BS	SDG No.:	Q3741
Lab Sample ID:	PB170825BS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:	12/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	5330		1	169	1670	ug/kg	12/04/25 20:17	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	17.0			37 - 130	85%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925MS	SDG No.:	Q3741
Lab Sample ID:	Q3741-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.6
Sample Wt/Vol:	30.06 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	11600		1	184	1820	ug/kg	12/04/25 21:16	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	9.13			37 - 130	46%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-01MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.6
Sample Wt/Vol:	30.08 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	Diesel Range Organics
	Prep Date:		12/03/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
DRO	DRO	11300		1	184	1820	ug/kg	12/04/25 21:45	PB170825
SURROGATES									
16416-32-3	Tetracosane-d50	8.47			37 - 130	42%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: CORE02
 ProjectID: Building 50 Probe Investigation
 Lab Code: ACE SDG No.: Q3741

Calibration Sequence : FG120125		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	138381193	138381	FG017031.D
500	57796211	115592	FG017032.D
200	23582132	117911	FG017033.D
100	11130849	111308	FG017034.D
50	5220615	104412	FG017035.D
AVG RF : 117521		% RSD : 10.843	AVG RT : 15.1388

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017072.D Analyst Name: YP\AJ Analyst Date: 12-04-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	66209544	132419	117521	12.677

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
 ProjectID: Building 50 Probe Investigation
 Lab Code: ACE SDG No.: Q3741
 DataFile: FG017085.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	65240516	130481	117521	11.028

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017088.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	68554853	137110	117521	16.669

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FG017092.D Analyst Name: YP\AJ Analyst Date: 12-05-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	68622687	137245	117521	16.783

Analytical Sequence

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Project: Building 50 Probe Investigation

Instrument ID: FID_G

GC Column: RXI-1MS ID: 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.1388					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	04 Dec 2025 18:20	FG017071.D	15.141	
50 PPM TRPH STD	50 PPM TRPH STD	04 Dec 2025 18:50	FG017072.D	15.143	
PB170825BL	PB170825BL	04 Dec 2025 19:48	FG017074.D	15.139	
PB170825BS	PB170825BS	04 Dec 2025 20:17	FG017075.D	15.139	
B50-SP3-111925	Q3741-01	04 Dec 2025 20:47	FG017076.D	15.138	
B50-SP3-111925MS	Q3741-01MS	04 Dec 2025 21:16	FG017077.D	15.136	
B50-SP3-111925MSD	Q3741-01MSD	04 Dec 2025 21:45	FG017078.D	15.138	
B50-SP13-112025	Q3741-02	04 Dec 2025 22:15	FG017079.D	15.139	
B50-SP9-112425	Q3741-04	04 Dec 2025 23:13	FG017081.D	15.138	
B50-SP11-112525	Q3741-05	04 Dec 2025 23:42	FG017082.D	15.143	
B50-SP4-112525	Q3741-06	05 Dec 2025 00:12	FG017083.D	15.139	
PIBLK02	LBLK02	05 Dec 2025 00:41	FG017084.D	15.138	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 01:10	FG017085.D	15.141	
PIBLK03	LBLK03	05 Dec 2025 10:17	FG017087.D	15.139	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 10:46	FG017088.D	15.141	
B50-SP14-112025	Q3741-03	05 Dec 2025 13:23	FG017090.D	15.142	
PIBLK04	LBLK04	05 Dec 2025 13:53	FG017091.D	15.138	
50 PPM TRPH STD	50 PPM TRPH STD	05 Dec 2025 14:22	FG017092.D	15.141	

Column used to flag RT values with an * values outside of QC limits

QC Limits
(± 0.10 minutes)

Lower Limit
15.0388

Upper Limits
15.2388

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017080.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 22:44
 Operator : YP\AJ
 Sample : Q3741-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B50-SP14-112025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
 Quant Time: Dec 05 03:03:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.152	1810816	17.401 ug/mlm

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
Data File : FG017080.D
Signal(s) : FID1A.ch
Acq On : 04 Dec 2025 22:44
Operator : YP\AJ
Sample : Q3741-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

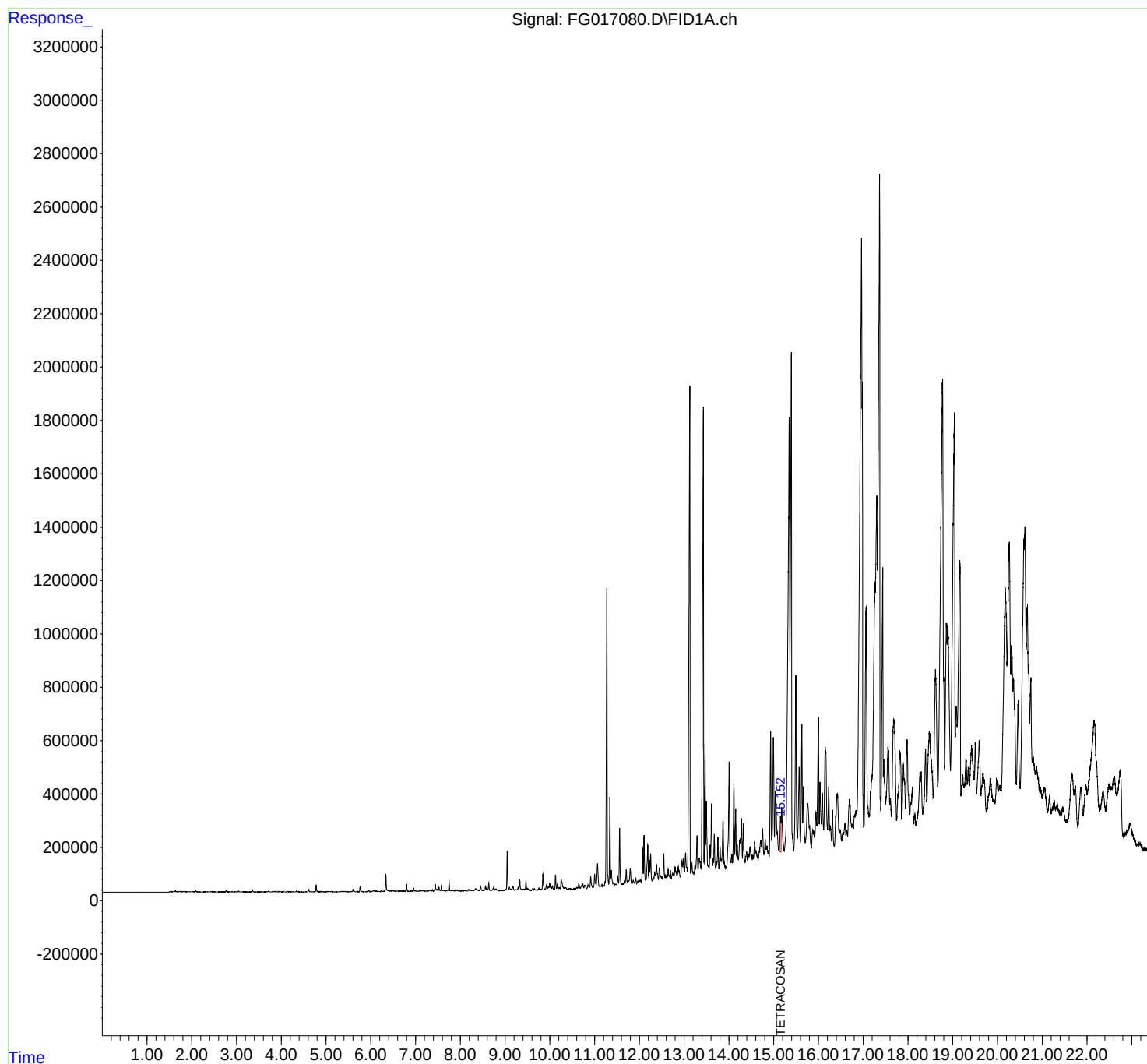
Instrument :
FID_G
ClientSampleId :
B50-SP14-112025

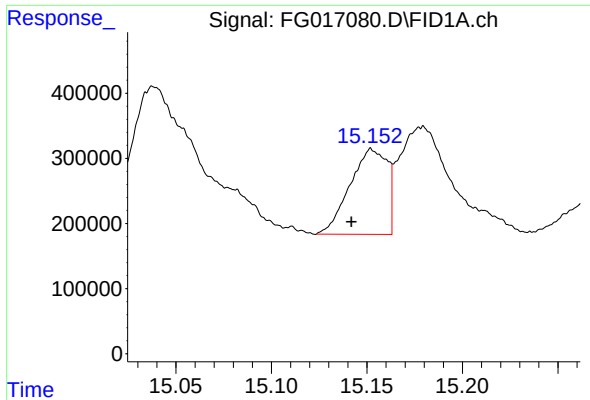
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Integration File: Sample.e
Quant Time: Dec 05 03:03:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.152 min
Delta R.T.: 0.010 min
Response: 1810816
Conc: 17.40 ug/ml

Instrument :
FID_G
ClientSampleId :
B50-SP14-112025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/05/2025
Supervised By :mohammad ahmed 12/08/2025

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12042
 Data File : FG017080.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 22:44
 Sample : Q3741-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.214	2.200	2.220	BV	113	676	0.00%	0.000%
2	2.224	2.220	2.234	PV	165	926	0.00%	0.000%
3	2.246	2.234	2.260	VV	235	2611	0.00%	0.000%
4	2.273	2.260	2.286	VV	405	4631	0.01%	0.001%
5	2.295	2.286	2.312	VV	430	5103	0.01%	0.001%
6	2.317	2.312	2.325	VV	327	1742	0.00%	0.000%
7	2.328	2.325	2.343	VV	207	1529	0.00%	0.000%
8	2.360	2.343	2.405	VV	1202	20575	0.03%	0.003%
9	2.430	2.405	2.473	VV	2503	43474	0.06%	0.007%
10	2.495	2.473	2.512	VV	2497	26147	0.03%	0.004%
11	2.526	2.512	2.568	VV	1314	20259	0.03%	0.003%
12	2.572	2.568	2.589	VV	344	2998	0.00%	0.000%
13	2.592	2.589	2.611	VV	284	1800	0.00%	0.000%
14	2.616	2.611	2.622	VV	72	298	0.00%	0.000%
15	2.631	2.622	2.638	PV	110	639	0.00%	0.000%
16	2.660	2.638	2.674	VV	1450	16844	0.02%	0.003%
17	2.682	2.674	2.718	VV	784	9831	0.01%	0.002%
18	2.732	2.718	2.745	VV	239	1895	0.00%	0.000%
19	2.769	2.745	2.815	VV	5715	97989	0.13%	0.016%
20	2.839	2.815	2.869	VV	831	19199	0.03%	0.003%
21	2.898	2.869	2.920	VV	1560	28913	0.04%	0.005%
22	2.926	2.920	2.949	VV	596	6923	0.01%	0.001%
23	2.966	2.949	2.970	VV	679	5589	0.01%	0.001%
24	2.988	2.970	3.024	VV	1860	29125	0.04%	0.005%
25	3.046	3.024	3.081	VV	4011	53319	0.07%	0.009%
26	3.087	3.081	3.102	VV	520	5281	0.01%	0.001%
27	3.131	3.102	3.149	VV	1576	27729	0.04%	0.004%
28	3.159	3.149	3.188	VV	802	10951	0.01%	0.002%
29	3.220	3.188	3.243	VV	286	6194	0.01%	0.001%
30	3.250	3.243	3.255	VV	166	871	0.00%	0.000%
31	3.278	3.255	3.324	VV	913	13567	0.02%	0.002%
32	3.352	3.324	3.389	VV	9454	122626	0.16%	0.020%
33	3.396	3.389	3.442	VV	868	11269	0.01%	0.002%
34	3.473	3.442	3.482	PV	434	5036	0.01%	0.001%
35	3.497	3.482	3.512	VV	843	10002	0.01%	0.002%
36	3.529	3.512	3.545	VV	809	9555	0.01%	0.002%

Page 1

					riteres			
37	3.567	3.545	3.590	VV	1605	24824	0.03%	0.004%
38	3.596	3.590	3.629	VV	506	7239		
39	3.636	3.629	3.649	VV	266	2862		
40	3.670	3.649	3.695	VV	2015	31286		
41	3.711	3.695	3.740	VV	3895	53858		
42	3.744	3.740	3.771	VV	1005	14839		
43	3.776	3.771	3.784	VV	582	3783	0.00%	0.001%
44	3.803	3.784	3.828	VV	2604	37565	0.05%	0.006%
45	3.863	3.828	3.879	VV	3414	54911	0.07%	0.009%
46	3.886	3.879	3.898	VV	1220	12155	0.02%	0.002%
47	3.918	3.898	3.927	VV	1175	18781	0.02%	0.003%
48	3.944	3.927	3.963	VV	2575	36089	0.05%	0.006%
49	3.967	3.963	3.980	VV	1182	10072	0.01%	0.002%
50	3.993	3.980	4.020	VV	1974	23181	0.03%	0.004%
51	4.043	4.020	4.079	VV	3756	51155	0.07%	0.008%
52	4.087	4.079	4.105	VV	648	6919	0.01%	0.001%
53	4.131	4.105	4.136	VV	1071	11134	0.01%	0.002%
54	4.152	4.136	4.167	VV	2914	32709	0.04%	0.005%
55	4.186	4.167	4.205	VV	2292	36016	0.05%	0.006%
56	4.213	4.205	4.234	VV	1317	19179	0.03%	0.003%
57	4.261	4.234	4.294	VV	1801	34150	0.04%	0.005%
58	4.308	4.294	4.317	VV	496	5637	0.01%	0.001%
59	4.339	4.317	4.367	VV	4492	62285	0.08%	0.010%
60	4.385	4.367	4.407	VV	1634	26398	0.03%	0.004%
61	4.414	4.407	4.470	VV	821	17759	0.02%	0.003%
62	4.510	4.470	4.521	PV	701	10971	0.01%	0.002%
63	4.525	4.521	4.539	VV	629	5619	0.01%	0.001%
64	4.554	4.539	4.584	VV	839	15085	0.02%	0.002%
65	4.615	4.584	4.639	VV	10346	113840	0.15%	0.018%
66	4.656	4.639	4.675	VV	2621	30321	0.04%	0.005%
67	4.694	4.675	4.712	VV	1409	17535	0.02%	0.003%
68	4.728	4.712	4.753	VV	1644	19666	0.03%	0.003%
69	4.780	4.753	4.824	VV	25511	295049	0.39%	0.047%
70	4.828	4.824	4.858	VV	1489	24044	0.03%	0.004%
71	4.868	4.858	4.883	VV	1070	13124	0.02%	0.002%
72	4.901	4.883	4.915	VV	3252	34912	0.05%	0.006%
73	4.926	4.915	4.945	VV	1656	18053	0.02%	0.003%
74	4.982	4.945	4.995	VV	796	17384	0.02%	0.003%
75	5.037	4.995	5.051	VV	2327	39966	0.05%	0.006%
76	5.080	5.051	5.102	VV	1927	41132	0.05%	0.007%
77	5.124	5.102	5.171	VV	2983	52216	0.07%	0.008%
78	5.201	5.171	5.222	VV	982	14715	0.02%	0.002%
79	5.232	5.222	5.257	VV	429	4824	0.01%	0.001%
80	5.297	5.257	5.312	VV	1504	24206	0.03%	0.004%
81	5.328	5.312	5.351	VV	2327	36849	0.05%	0.006%
82	5.373	5.351	5.391	VV	2901	43697	0.06%	0.007%
83	5.407	5.391	5.424	VV	2128	28497	0.04%	0.005%
84	5.440	5.424	5.480	VV	2178	37134	0.05%	0.006%
85	5.504	5.480	5.518	VV	379	5224	0.01%	0.001%
86	5.538	5.518	5.552	VV	856	10768	0.01%	0.002%
87	5.567	5.552	5.584	VV	1717	22864	0.03%	0.004%
88	5.603	5.584	5.626	VV	9976	119551	0.16%	0.019%
89	5.635	5.626	5.662	VV	2051	25298	0.03%	0.004%

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

0.01% 0.001%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

90	5.675	5.662	5.683	VV	580	6101	0.01%	0.001%
91	5.700	5.683	5.721	VV	3083	30987		
92	5.729	5.721	5.739	VV	260	1684		
93	5.760	5.739	5.783	PV	18782	211217		
94	5.790	5.783	5.825	VV	3054	38350		
95	5.836	5.825	5.862	VV	614	8171		
96	5.885	5.862	5.904	VV	657	10823	0.01%	0.002%
97	5.922	5.904	5.932	VV	2136	21549	0.03%	0.003%
98	5.956	5.932	5.985	VV	4573	82389	0.11%	0.013%
99	5.988	5.985	6.000	VV	877	6738	0.01%	0.001%
100	6.025	6.000	6.038	VV	1791	26374	0.03%	0.004%
101	6.060	6.038	6.067	VV	4263	51815	0.07%	0.008%
102	6.073	6.067	6.099	VV	4175	50863	0.07%	0.008%
103	6.118	6.099	6.143	VV	3611	61454	0.08%	0.010%
104	6.152	6.143	6.165	VV	1760	17173	0.02%	0.003%
105	6.194	6.165	6.218	VV	1333	30076	0.04%	0.005%
106	6.236	6.218	6.265	VV	4434	64694	0.09%	0.010%
107	6.295	6.265	6.314	VV	3070	50137	0.07%	0.008%
108	6.336	6.314	6.380	VV	66507	796381	1.05%	0.128%
109	6.392	6.380	6.417	VV	5246	75511	0.10%	0.012%
110	6.440	6.417	6.466	VV	6169	87810	0.12%	0.014%
111	6.486	6.466	6.493	VV	3582	40992	0.05%	0.007%
112	6.503	6.493	6.546	VV	4190	80033	0.11%	0.013%
113	6.562	6.546	6.573	VV	1861	26171	0.03%	0.004%
114	6.590	6.573	6.605	VV	2795	41067	0.05%	0.007%
115	6.623	6.605	6.632	VV	2418	35001	0.05%	0.006%
116	6.636	6.632	6.652	VV	2323	22281	0.03%	0.004%
117	6.670	6.652	6.694	VV	2273	46795	0.06%	0.007%
118	6.723	6.694	6.736	VV	2878	59300	0.08%	0.010%
119	6.745	6.736	6.775	VV	2359	41185	0.05%	0.007%
120	6.796	6.775	6.850	VV	28344	334986	0.44%	0.054%
121	6.859	6.850	6.869	VV	822	8765	0.01%	0.001%
122	6.887	6.869	6.899	VV	1981	24611	0.03%	0.004%
123	6.916	6.899	6.932	VV	2069	35372	0.05%	0.006%
124	6.951	6.932	6.975	VV	13770	163259	0.21%	0.026%
125	6.988	6.975	7.013	VV	3316	52778	0.07%	0.008%
126	7.025	7.013	7.041	VV	2148	24183	0.03%	0.004%
127	7.083	7.041	7.103	VV	2975	54676	0.07%	0.009%
128	7.128	7.103	7.153	VV	4057	70128	0.09%	0.011%
129	7.166	7.153	7.177	VV	2623	31766	0.04%	0.005%
130	7.190	7.177	7.201	VV	2533	33270	0.04%	0.005%
131	7.206	7.201	7.239	VV	2288	32302	0.04%	0.005%
132	7.270	7.239	7.291	VV	2057	46018	0.06%	0.007%
133	7.312	7.291	7.322	VV	4199	54690	0.07%	0.009%
134	7.333	7.322	7.357	VV	4563	65815	0.09%	0.011%
135	7.375	7.357	7.400	VV	5187	71928	0.09%	0.012%
136	7.440	7.400	7.465	VV	25827	380173	0.50%	0.061%
137	7.480	7.465	7.502	VV	7386	108257	0.14%	0.017%
138	7.522	7.502	7.557	VV	15946	221212	0.29%	0.035%
139	7.578	7.557	7.607	VV	22408	271346	0.36%	0.043%
140	7.624	7.607	7.641	VV	4160	61691	0.08%	0.010%
141	7.647	7.641	7.664	VV	2110	25515	0.03%	0.004%

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

					rt	Area	Area%	Height
142	7.669	7.664	7.684	VV	1597	15161	0.02%	0.002%
143	7.711	7.684	7.721	VV	3465	53690	0.02%	0.002%
144	7.749	7.721	7.779	VV	31983	383353	0.02%	0.002%
145	7.797	7.779	7.815	VV	3440	49195	0.02%	0.002%
146	7.838	7.815	7.854	VV	2202	40574	0.02%	0.002%
147	7.872	7.854	7.899	VV	2267	46217	0.02%	0.002%
148	7.926	7.899	7.956	VV	5889	99763	0.13%	0.016%
149	7.972	7.956	7.997	VV	1598	26123	0.03%	0.004%
150	8.013	7.997	8.025	PV	992	10275	0.01%	0.002%
151	8.043	8.025	8.061	VV	2579	33930	0.04%	0.005%
152	8.068	8.061	8.074	VV	1167	9256	0.01%	0.001%
153	8.093	8.074	8.110	VV	3513	44437	0.06%	0.007%
154	8.123	8.110	8.154	VV	1799	26175	0.03%	0.004%
155	8.187	8.154	8.203	VV	6827	93809	0.12%	0.015%
156	8.211	8.203	8.228	VV	4126	51517	0.07%	0.008%
157	8.237	8.228	8.256	VV	3414	40132	0.05%	0.006%
158	8.281	8.256	8.303	VV	3584	58657	0.08%	0.009%
159	8.343	8.303	8.372	VV	9894	222471	0.29%	0.036%
160	8.383	8.372	8.409	VV	4468	60863	0.08%	0.010%
161	8.455	8.409	8.496	VV	18451	310092	0.41%	0.050%
162	8.514	8.496	8.530	VV	2515	43359	0.06%	0.007%
163	8.562	8.530	8.578	VV	19037	243857	0.32%	0.039%
164	8.591	8.578	8.610	VV	11955	150193	0.20%	0.024%
165	8.635	8.610	8.661	VV	29108	356974	0.47%	0.057%
166	8.683	8.661	8.701	VV	3924	63168	0.08%	0.010%
167	8.749	8.701	8.780	VV	16184	356885	0.47%	0.057%
168	8.799	8.780	8.823	VV	7532	114085	0.15%	0.018%
169	8.842	8.823	8.870	VV	4224	68690	0.09%	0.011%
170	8.887	8.870	8.906	VV	2475	33759	0.04%	0.005%
171	8.918	8.906	8.955	VV	1348	26243	0.03%	0.004%
172	8.970	8.955	8.980	PV	872	7419	0.01%	0.001%
173	9.008	8.980	9.024	VV	5268	88169	0.12%	0.014%
174	9.048	9.024	9.081	VV	149011	1608509	2.12%	0.258%
175	9.098	9.081	9.124	VV	13619	201664	0.27%	0.032%
176	9.134	9.124	9.147	VV	4349	55986	0.07%	0.009%
177	9.178	9.147	9.204	VV	17510	288543	0.38%	0.046%
178	9.232	9.204	9.250	VV	4006	80795	0.11%	0.013%
179	9.262	9.250	9.272	VV	3175	37805	0.05%	0.006%
180	9.293	9.272	9.309	VV	12715	162531	0.21%	0.026%
181	9.327	9.309	9.358	VV	40588	520658	0.68%	0.083%
182	9.364	9.358	9.380	VV	4715	54235	0.07%	0.009%
183	9.388	9.380	9.396	VV	3121	28654	0.04%	0.005%
184	9.417	9.396	9.442	VV	4930	98584	0.13%	0.016%
185	9.467	9.442	9.490	VV	35374	432336	0.57%	0.069%
186	9.505	9.490	9.541	VV	8637	123262	0.16%	0.020%
187	9.553	9.541	9.577	VV	1952	23989	0.03%	0.004%
188	9.622	9.577	9.640	PV	7585	95413	0.13%	0.015%
189	9.656	9.640	9.687	VV	5502	67933	0.09%	0.011%
190	9.707	9.687	9.723	VV	2383	31023	0.04%	0.005%
191	9.758	9.723	9.785	VV	8090	134416	0.18%	0.022%
192	9.803	9.785	9.818	VV	3817	47080	0.06%	0.008%
193	9.844	9.818	9.900	VV	59012	802181	1.06%	0.129%
194	9.923	9.900	9.951	VV	18603	295379	0.39%	0.047%

195	9.966	9.951	9.978	VV	12805	158056	0.21%	0.025%
196	9.997	9.978	10.017	VV	25783	382281		
197	10.025	10.017	10.039	VV	9871	111554		
198	10.057	10.039	10.099	VV	15617	248020		
199	10.126	10.099	10.152	VV	54609	657796		
200	10.169	10.152	10.199	VV	21988	314193		
201	10.215	10.199	10.233	VV	7169	124707	0.16%	0.020%
202	10.254	10.233	10.317	VV	40106	901005	1.19%	0.144%
203	10.335	10.317	10.346	VV	8186	112869	0.15%	0.018%
204	10.358	10.346	10.398	VV	6819	121275	0.16%	0.019%
205	10.441	10.398	10.464	VV	3951	86125	0.11%	0.014%
206	10.467	10.464	10.479	VV	1710	13921	0.02%	0.002%
207	10.491	10.479	10.512	VV	1616	20247	0.03%	0.003%
208	10.534	10.512	10.556	PV	2971	43375	0.06%	0.007%
209	10.569	10.556	10.578	VV	1481	17296	0.02%	0.003%
210	10.600	10.578	10.619	VV	7133	113456	0.15%	0.018%
211	10.646	10.619	10.680	VV	21651	359442	0.47%	0.058%
212	10.708	10.680	10.719	VV	12852	209126	0.28%	0.034%
213	10.736	10.719	10.759	VV	19472	284311	0.37%	0.046%
214	10.778	10.759	10.819	VV	13702	261858	0.34%	0.042%
215	10.854	10.819	10.890	PV	13585	270346	0.36%	0.043%
216	10.912	10.890	10.964	VV	44446	678204	0.89%	0.109%
217	11.000	10.964	11.017	VV	51399	674174	0.89%	0.108%
218	11.024	11.017	11.036	VV	18832	189627	0.25%	0.030%
219	11.064	11.036	11.104	VV	89344	1592793	2.10%	0.255%
220	11.123	11.104	11.144	VV	5494	108019	0.14%	0.017%
221	11.164	11.144	11.180	VV	10072	125451	0.17%	0.020%
222	11.198	11.180	11.214	VV	5396	80503	0.11%	0.013%
223	11.232	11.214	11.239	VV	19237	181799	0.24%	0.029%
224	11.273	11.239	11.314	VV	1118653	13707467	18.03%	2.196%
225	11.341	11.314	11.359	VV	335391	3611937	4.75%	0.579%
226	11.371	11.359	11.410	VV	60390	981491	1.29%	0.157%
227	11.417	11.410	11.442	VV	11596	157686	0.21%	0.025%
228	11.454	11.442	11.468	VV	6673	84760	0.11%	0.014%
229	11.477	11.468	11.494	VV	5898	72452	0.10%	0.012%
230	11.514	11.494	11.535	VV	35490	466346	0.61%	0.075%
231	11.558	11.535	11.604	VV	214572	2530626	3.33%	0.405%
232	11.609	11.604	11.618	VV	4147	29304	0.04%	0.005%
233	11.630	11.618	11.641	VV	4437	50318	0.07%	0.008%
234	11.665	11.641	11.684	VV	14274	236813	0.31%	0.038%
235	11.707	11.684	11.727	VV	54941	742112	0.98%	0.119%
236	11.740	11.727	11.749	VV	13354	153500	0.20%	0.025%
237	11.796	11.749	11.832	VV	57481	1144940	1.51%	0.183%
238	11.863	11.832	11.891	VV	14514	250719	0.33%	0.040%
239	11.919	11.891	11.941	VV	19126	264302	0.35%	0.042%
240	11.966	11.941	11.981	PV	9711	132355	0.17%	0.021%
241	11.996	11.981	12.014	VV	11745	167743	0.22%	0.027%
242	12.026	12.014	12.044	VV	11395	136309	0.18%	0.022%
243	12.071	12.044	12.087	VV	127205	1489321	1.96%	0.239%
244	12.104	12.087	12.136	VV	176430	2234002	2.94%	0.358%
245	12.145	12.136	12.149	VV	9739	69479	0.09%	0.011%
246	12.188	12.149	12.206	VV	137801	2237295	2.94%	0.358%

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rteres									
247	12.222	12.206	12.235	VV	80057	944587	1.24%	0.151%	
248	12.252	12.235	12.282	VV	104362	1333408			
249	12.305	12.282	12.320	VV	15365	187331			
250	12.343	12.320	12.364	VV	32218	544834			
251	12.383	12.364	12.425	VV	57908	1044617			
252	12.447	12.425	12.504	VV	46297	932821			
253	12.508	12.504	12.521	VV	9031	62797	0.08%	0.010%	
254	12.545	12.521	12.565	VV	93869	1098565	1.45%	0.176%	
255	12.576	12.565	12.594	VV	12453	166645	0.22%	0.027%	
256	12.612	12.594	12.626	VV	16924	226011	0.30%	0.036%	
257	12.644	12.626	12.676	VV	35296	518797	0.68%	0.083%	
258	12.693	12.676	12.712	VV	30408	339469	0.45%	0.054%	
259	12.743	12.712	12.766	PV	17941	337246	0.44%	0.054%	
260	12.798	12.766	12.816	VV	39007	674272	0.89%	0.108%	
261	12.821	12.816	12.840	VV	21076	224003	0.29%	0.036%	
262	12.868	12.840	12.882	VV	39547	548661	0.72%	0.088%	
263	12.889	12.882	12.919	VV	23007	259017	0.34%	0.042%	
264	12.948	12.919	12.964	PV	59178	860343	1.13%	0.138%	
265	12.982	12.964	13.005	VV	65241	1056101	1.39%	0.169%	
266	13.033	13.005	13.074	VV	85054	1682472	2.21%	0.270%	
267	13.127	13.074	13.151	VV	1823850	28918912	38.05%	4.634%	
268	13.174	13.151	13.195	VV	42763	572319	0.75%	0.092%	
269	13.202	13.195	13.221	VV	6539	75230	0.10%	0.012%	
270	13.242	13.221	13.258	VV	35058	446492	0.59%	0.072%	
271	13.289	13.258	13.312	VV	142959	2244446	2.95%	0.360%	
272	13.332	13.312	13.376	VV	55696	1428185	1.88%	0.229%	
273	13.430	13.376	13.444	VV	1728492	27529607	36.22%	4.411%	
274	13.467	13.444	13.482	VV	477395	5493547	7.23%	0.880%	
275	13.496	13.482	13.558	VV	266054	4157392	5.47%	0.666%	
276	13.579	13.558	13.592	VV	98824	1175701	1.55%	0.188%	
277	13.613	13.592	13.634	VV	249335	3357999	4.42%	0.538%	
278	13.647	13.634	13.656	VV	44404	448064	0.59%	0.072%	
279	13.673	13.656	13.707	VV	133651	1719053	2.26%	0.275%	
280	13.755	13.707	13.777	VV	121445	1752137	2.31%	0.281%	
281	13.803	13.777	13.822	VV	85102	1206698	1.59%	0.193%	
282	13.832	13.822	13.840	VV	35845	364905	0.48%	0.058%	
283	13.869	13.840	13.939	VV	185287	3238009	4.26%	0.519%	
284	14.005	13.939	14.045	PV	396487	6871525	9.04%	1.101%	
285	14.067	14.045	14.083	VV	46969	678960	0.89%	0.109%	
286	14.110	14.083	14.131	VV	307296	4259909	5.60%	0.683%	
287	14.151	14.131	14.173	VV	215926	2946368	3.88%	0.472%	
288	14.186	14.173	14.212	VV	79272	1148303	1.51%	0.184%	
289	14.241	14.212	14.250	VV	88985	1411600	1.86%	0.226%	
290	14.280	14.250	14.303	VV	173887	3283430	4.32%	0.526%	
291	14.321	14.303	14.360	VV	153448	2235486	2.94%	0.358%	
292	14.397	14.360	14.416	VV	44796	921396	1.21%	0.148%	
293	14.439	14.416	14.453	VV	33637	606158	0.80%	0.097%	
294	14.476	14.453	14.497	VV	60724	1103135	1.45%	0.177%	
295	14.510	14.497	14.520	VV	29550	340253	0.45%	0.055%	
296	14.532	14.520	14.550	VV	26988	384634	0.51%	0.062%	
297	14.575	14.550	14.600	VV	74341	1466043	1.93%	0.235%	
298	14.606	14.600	14.653	VV	38729	782933	1.03%	0.125%	
299	14.713	14.653	14.731	VV	76768	2184913	2.87%	0.350%	

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

Instrument :

FID_G

ClientSampleId :

B50-SP14-112025

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/05/2025

Supervised By :mohammad ahmed 12/08/2025

rteres							
300	14.753	14.731	14.778	VV	117869	2108647	2.77% 0.338%
301	14.811	14.778	14.833	VV	78584	1606195	
302	14.851	14.833	14.874	VV	52879	1024246	
303	14.880	14.874	14.899	VV	29616	347613	
304	14.932	14.899	14.957	VV	477636	7160277	
305	14.992	14.957	15.017	VV	454646	8393874	11.86%
306	15.039	15.017	15.123	VV	249638	7368708	9.69% 1.181%
307	15.152	15.123	15.164	VV	151979	2309391	3.04% 0.370%
308	15.179	15.164	15.234	VV	182438	4023843	5.29% 0.645%
309	15.347	15.234	15.364	VV	1639995	46020086	60.54% 7.374%
310	15.395	15.364	15.450	VV	1867866	33006830	43.42% 5.289%
311	15.495	15.450	15.532	VV	669643	11325514	14.90% 1.815%
312	15.569	15.532	15.595	VV	323077	6361086	8.37% 1.019%
313	15.630	15.595	15.649	VV	475020	7146399	9.40% 1.145%
314	15.666	15.649	15.709	VV	246927	4304905	5.66% 0.690%
315	15.756	15.709	15.794	VV	180781	6046159	7.95% 0.969%
316	15.803	15.794	15.839	VV	96465	1493572	1.96% 0.239%
317	15.881	15.839	15.890	VV	75206	1592760	2.10% 0.255%
318	15.896	15.890	15.918	VV	69583	1008971	1.33% 0.162%
319	15.944	15.918	15.962	VV	140365	2702181	3.55% 0.433%
320	16.000	15.962	16.018	VV	489998	9018285	11.86% 1.445%
321	16.036	16.018	16.067	VV	250870	4665080	6.14% 0.748%
322	16.089	16.067	16.118	VV	204956	4040344	5.32% 0.647%
323	16.151	16.118	16.159	VV	377735	6058454	7.97% 0.971%
324	16.164	16.159	16.202	VV	364839	5303807	6.98% 0.850%
325	16.230	16.202	16.254	VV	225557	4140009	5.45% 0.663%
326	16.269	16.254	16.292	VV	78543	1361495	1.79% 0.218%
327	16.314	16.292	16.354	VV	136482	1995200	2.62% 0.320%
328	16.417	16.354	16.475	PV	186725	6974575	9.18% 1.118%
329	16.490	16.475	16.514	VV	44301	731577	0.96% 0.117%
330	16.556	16.514	16.564	VV	30068	535943	0.71% 0.086%
331	16.594	16.564	16.617	VV	59967	1204111	1.58% 0.193%
332	16.631	16.617	16.652	VV	27807	396720	0.52% 0.064%
333	16.692	16.652	16.746	VV	137028	4347023	5.72% 0.697%
334	16.762	16.746	16.777	VV	36224	578693	0.76% 0.093%
335	16.807	16.777	16.813	VV	68285	1042289	1.37% 0.167%
336	16.829	16.813	16.833	VV	76591	809759	1.07% 0.130%
337	16.837	16.833	16.841	VV	81269	381607	0.50% 0.061%
338	16.847	16.841	16.855	VV	77978	618410	0.81% 0.099%
339	16.963	16.855	16.977	VV	2213251	76012139	100.00% 12.180%
340	16.982	16.977	17.013	VV	1661019	11250870	14.80% 1.803%
341	17.064	17.013	17.100	PV	815891	17331868	22.80% 2.777%
342	17.106	17.100	17.139	VV	64254	915795	1.20% 0.147%
343	17.268	17.139	17.272	VV	879866	26937119	35.44% 4.316%
344	17.304	17.272	17.318	VV	1193288	28732601	37.80% 4.604%
345	17.367	17.318	17.394	VV	2390823	54427677	71.60% 8.721%
346	17.437	17.394	17.451	PV	895245	13943614	18.34% 2.234%
347	17.460	17.451	17.500	VBA	174755	2686649	3.53% 0.430%
Sum of corrected areas:					624080590		

FG120125.M Fri Dec 05 03:53:05 2025

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL			11/19/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/04/25	
			Gasoline Range Organics	8015D			12/08/25	
Q3741-02	B50-SP13-112025	SOIL			11/20/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/04/25	
			Gasoline Range Organics	8015D			12/08/25	
Q3741-03	B50-SP14-112025	SOIL			11/20/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/05/25	
			Gasoline Range Organics	8015D			12/08/25	
Q3741-04	B50-SP9-112425	SOIL			11/24/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/04/25	
			Gasoline Range Organics	8015D			12/08/25	
Q3741-05	B50-SP11-112525	SOIL			11/25/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/04/25	
			Gasoline Range Organics	8015D			12/09/25	
			PCB	8082A		12/03/25	12/03/25	
Q3741-06	B50-SP4-112525	SOIL			11/25/25			11/26/25
			Diesel Range Organics	8015D		12/03/25	12/05/25	
			Gasoline Range Organics	8015D			12/08/25	
			PCB	8082A		12/03/25	12/03/25	



SAMPLE DATA

A

B

C

D

E

F

G

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	91.6
Sample Wt/Vol:	6.82 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	8.00	J	1	7.00	36.0	ug/kg	12/08/25 16:05	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	17.4			50 - 150	87%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

Q3741

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.4
Sample Wt/Vol:	4.84 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	10.0	U	1	10.0	54.0	ug/kg	12/08/25 16:34	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	18.3			50 - 150	91%	SPK: 20		

U = Not Detected

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LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.3
Sample Wt/Vol:	4.55 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	10.0	U	1	10.0	57.0	ug/kg	12/08/25 17:03	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	17.2			50 - 150	86%	SPK: 20		

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2
Sample Wt/Vol:	5.07 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	10.0	U	1	10.0	52.0	ug/kg	12/08/25 14:17	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	17.7			50 - 150	89%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.6
Sample Wt/Vol:	5.43 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	3500		50	450	2450	ug/kg	12/09/25 12:25	FB120925
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	25.1			50 - 150	125%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.9
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	103		1	10.0	52.0	ug/kg	12/08/25 13:19	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	19.2			50 - 150	96%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

A

B

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Core Environmental Consultants and Service

Lab Code: ACE

SDG No.: Q3741

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1208S1	104				0
BSF1208S1	98				0
B50-SP4-112525	96				0
B50-SP9-112425	89				0
BSF1208S2	101				0
B50-SP3-111925	87				0
B50-SP13-112025	91				0
B50-SP14-112025	86				0
VBF1209S2	112				0
BSF1209S1	107				0
B50-SP11-112525	125				0

QC LIMITS

AAA-TFT

For Water : 50-150

For Soil : 50-150

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name: Alliance **Client:** Core Environmental Consultants and Services, Inc.
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : BSF1208S1 **Datafile:** FB032403.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	170	94	50-150

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Alliance **Client:** Core Environmental Consultants and Services, Inc.
Lab Code: ACE **SDG No:** Q3741
Client Sample ID : BSF1208S2 **Datafile:** FB032408.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	174	97	50-150

LCS/LCSD % Recovery RPD : 2.4

A

B

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D

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Alliance **Client:** Core Environmental Consultants and
Lab Code: ACE **SDG No:** Services, Inc.
Client Sample ID : BSF1209S1 **Datafile:** Q3741
FB032419.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	183	102	50-150

A

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1208S1

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: FB032401.D

Lab Sample ID: VBF1208S1

Date Analyzed: 12/08/25

Time Analyzed: 10:40

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1208S1	BSF1208S1	FB032403.D	12/08/25
B50-SP4-112525	Q3741-06	FB032405.D	12/08/25
B50-SP9-112425	Q3741-04	FB032407.D	12/08/25
BSF1208S2	BSF1208S2	FB032408.D	12/08/25
B50-SP3-111925	Q3741-01	FB032410.D	12/08/25
B50-SP13-112025	Q3741-02	FB032411.D	12/08/25
B50-SP14-112025	Q3741-03	FB032412.D	12/08/25

COMMENTS: _____

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1209S2

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: FB032418.D

Lab Sample ID: VBF1209S2

Date Analyzed: 12/09/25

Time Analyzed: 11:06

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1209S1	BSF1209S1	FB032419.D	12/09/25
B50-SP11-112525	Q3741-05	FB032420.D	12/09/25

COMMENTS: _____



QC SAMPLE DATA

A

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	VBF1208S1	SDG No.:	Q3741
Lab Sample ID:	VBF1208S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	8.00	U	1	8.00	45.0	ug/kg	12/08/25 10:40	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.8			50 - 150	104%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	VBF1209S2	SDG No.:	Q3741
Lab Sample ID:	VBF1209S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	413	U	50	413	2250	ug/kg	12/09/25 11:06	FB120925
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	22.3			50 - 150	112%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	BSF1208S1	SDG No.:	Q3741
Lab Sample ID:	BSF1208S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	170		1	8.00	45.0	ug/kg	12/08/25 11:38	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	19.5			50 - 150	98%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	BSF1209S1	SDG No.:	Q3741
Lab Sample ID:	BSF1209S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	183		1	8.00	45.0	ug/kg	12/09/25 11:34	FB120925
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	21.3			50 - 150	107%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Building 50 Probe Investigation	Date Received:	
Client Sample ID:	BSF1208S2	SDG No.:	Q3741
Lab Sample ID:	BSF1208S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
GRO	GRO	174		1	8.00	45.0	ug/kg	12/08/25 14:49	FB120825
SURROGATES									
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.3			50 - 150	101%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741

Calibration Sequence : FB120525		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1739642	38659	FB032390.D
90	3579845	39776	FB032391.D
180	7374551	40970	FB032392.D
450	18417070	40927	FB032393.D
900	37134788	41261	FB032394.D
AVG RF : 40319		% RSD : 2.697	AVG RT : 8.794

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FB032400.D Analyst Name: YP/AJ Analyst Date: 12-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6013442	33408	40319	17.141

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FB032409.D Analyst Name: YP/AJ Analyst Date: 12-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6789651	37720	40319	6.446

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FB032415.D Analyst Name: YP/AJ Analyst Date: 12-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7473138	41517	40319	2.971

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FB032416.D Analyst Name: YP/AJ Analyst Date: 12-09-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7346952	40816	40319	1.233

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: CORE02
ProjectID: Building 50 Probe Investigation
Lab Code: ACE SDG No.: Q3741
DataFile: FB032422.D Analyst Name: YP/AJ Analyst Date: 12-09-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7319969	40666	40319	0.861

Analytical Sequence

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Project: Building 50 Probe Investigation

Instrument ID: FID_B

GC Column: RTX-502.2 ID: 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 8.794					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	8 Dec 2025 9:16	FB032400.D	8.788	
VBF1208S1	VBF1208S1	8 Dec 2025 10:40	FB032401.D	8.793	
BSF1208S1	BSF1208S1	8 Dec 2025 11:38	FB032403.D	8.794	
B50-SP4-112525	Q3741-06	8 Dec 2025 13:19	FB032405.D	8.792	
B50-SP9-112425	Q3741-04	8 Dec 2025 14:17	FB032407.D	8.792	
BSF1208S2	BSF1208S2	8 Dec 2025 14:49	FB032408.D	8.792	
20 PPB GRO STD	20 PPB GRO STD	8 Dec 2025 15:18	FB032409.D	8.794	
B50-SP3-111925	Q3741-01	8 Dec 2025 16:05	FB032410.D	8.792	
B50-SP13-112025	Q3741-02	8 Dec 2025 16:34	FB032411.D	8.793	
B50-SP14-112025	Q3741-03	8 Dec 2025 17:03	FB032412.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	8 Dec 2025 18:30	FB032415.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	9 Dec 2025 9:26	FB032416.D	8.788	
VBF1209S2	VBF1209S2	9 Dec 2025 11:06	FB032418.D	8.793	
BSF1209S1	BSF1209S1	9 Dec 2025 11:34	FB032419.D	8.793	
B50-SP11-112525	Q3741-05	9 Dec 2025 12:25	FB032420.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	9 Dec 2025 13:45	FB032422.D	8.794	

Column used to flag RT values with an * values outside of QC limits

QC Limits
(± 0.10 minutes)

Lower Limit
8.694

Upper Limits
8.894

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB120825\
 Data File : FB032413.D
 Signal(s) : FID2B.CH
 Acq On : 8 Dec 2025 17:32
 Operator : YP/AJ
 Sample : Q3741-05
 Misc : 5.22G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 B50-SP11-112525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: Calibration.e
 Quant Time: Dec 09 03:07:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB120525.M
 Quant Title :
 QLast Update : Fri Dec 05 17:59:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 5 g/ml
 Signal Phase : RTX-502.2
 Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.843	2645486	117.424 ng/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB120825\
Data File : FB032413.D
Signal(s) : FID2B.CH
Acq On : 8 Dec 2025 17:32
Operator : YP/AJ
Sample : Q3741-05
Misc : 5.22G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

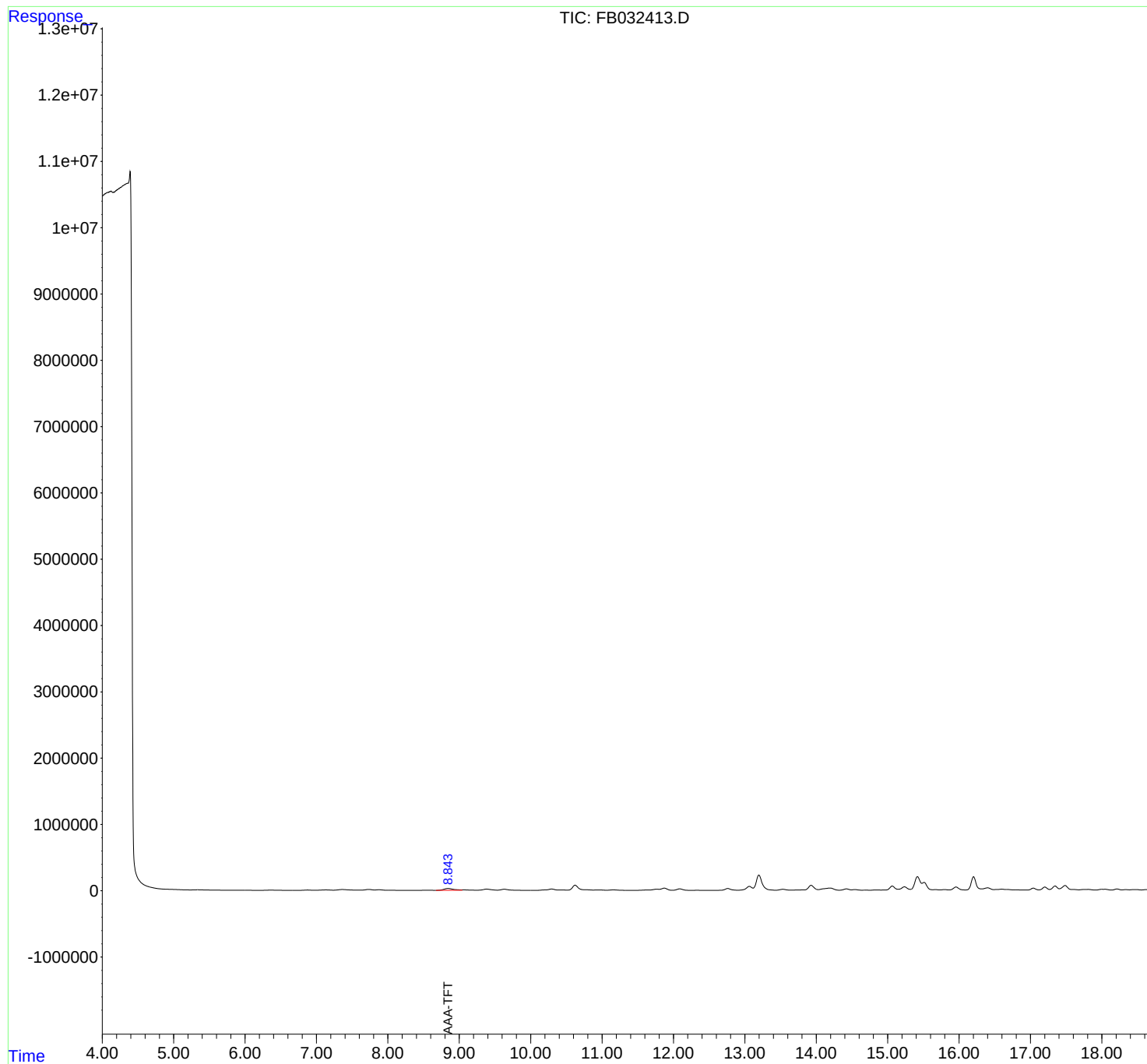
Instrument :
FID_B
ClientSampleId :
B50-SP11-112525

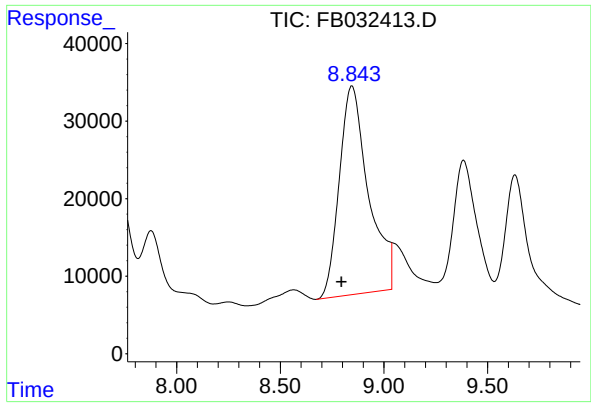
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File: Calibration.e
Quant Time: Dec 09 03:07:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB120525.M
Quant Title :
QLast Update : Fri Dec 05 17:59:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.843 min
Delta R.T.: 0.049 min
Response: 2645486
Conc: 117.42 ng/ml

Instrument :
FID_B
ClientSampleId :
B50-SP11-112525

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

9

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9
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G

Instrument :
FID_B

ClientSampleId :
B50-SP11-112525

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB12082
Data File : FB032413.D
Signal(s) : FID2B.CH
Acq On : 8 Dec 2025 17:32
Sample : Q3741-05
Misc : 5.22G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB120525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.878	5.845	6.179	PV	146	8338	0.06%	0.011%
2	6.187	6.179	6.224	PV	17	77	0.00%	0.000%
3	6.361	6.224	6.737	PV	3177	291885	2.17%	0.370%
4	7.132	6.972	7.236	VV	6785	671049	4.98%	0.850%
5	7.363	7.236	7.564	VV	12546	1424872	10.58%	1.805%
6	7.731	7.564	7.814	VV	14220	1144763	8.50%	1.450%
7	7.876	7.814	8.179	VV	9576	777530	5.77%	0.985%
8	8.249	8.179	8.341	VV	479	26599	0.20%	0.034%
9	8.564	8.341	8.670	PV	2081	218925	1.63%	0.277%
10	8.845	8.670	9.251	VV	28420	3608140	26.80%	4.571%
11	9.384	9.251	9.532	VV	18869	1632623	12.13%	2.068%
12	9.632	9.532	9.975	VV	16999	1426800	10.60%	1.808%
13	9.999	9.975	10.064	VV	258	9582	0.07%	0.012%
14	10.294	10.064	10.408	PV	20762	1722654	12.79%	2.182%
15	10.450	10.408	10.516	VV	5349	321254	2.39%	0.407%
16	10.623	10.516	10.879	VV	78772	5228942	38.84%	6.625%
17	10.948	10.879	11.066	VV	6905	579759	4.31%	0.734%
18	11.159	11.066	11.357	VV	7739	674224	5.01%	0.854%
19	11.457	11.357	11.483	VV	1216	81040	0.60%	0.103%
20	11.764	11.483	11.799	VV	17479	1417346	10.53%	1.796%
21	11.873	11.799	11.983	VV	33971	2051109	15.23%	2.599%
22	12.089	11.983	12.251	VV	22922	1378500	10.24%	1.746%
23	12.332	12.251	12.430	VV	1731	106715	0.79%	0.135%
24	12.548	12.430	12.578	PV	699	39304	0.29%	0.050%
25	12.761	12.578	12.903	VV	27721	1691039	12.56%	2.142%
26	13.063	12.903	13.115	VV	60397	3358832	24.95%	4.255%
27	13.197	13.115	13.431	VV	231811	13464113	100.00%	17.058%
28	13.532	13.431	13.646	VV	15163	957900	7.11%	1.214%
29	13.929	13.646	14.028	VV	74769	4589061	34.08%	5.814%
30	14.192	14.028	14.322	VV	32912	3368260	25.02%	4.267%
31	14.424	14.322	14.493	VV	20103	1052466	7.82%	1.333%
32	14.542	14.493	14.640	VV	9657	486363	3.61%	0.616%
33	14.695	14.640	14.756	VV	1240	50188	0.37%	0.064%
34	14.835	14.756	14.907	PV	3194	179720	1.33%	0.228%
35	15.064	14.907	15.149	VV	61838	3157925	23.45%	4.001%
36	15.236	15.149	15.318	VV	50246	2884473	21.42%	3.654%

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Instrument :
FID_B
ClientSampleId :
B50-SP11-112525

80.95% 13.808%

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

rteres						
37	15.418	15.318	15.480	VV	202487	10899153
38	15.511	15.480	15.636	VV	115096	5168566
39	15.671	15.636	15.734	VV	5860	257183
40	15.796	15.734	15.861	VV	6411	295769
41	15.958	15.861	16.090	VV	44559	2229811
Sum of corrected areas:					789	

FB120525.M Tue Dec 09 04:16:41 2025

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Brooklyn Navy Yard Building 50 SI
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL			11/19/25			11/26/25
			Mercury	7471B		12/05/25	12/09/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	
Q3741-02	B50-SP13-112025	SOIL			11/20/25			11/26/25
			Mercury	7471B		12/05/25	12/09/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	
Q3741-03	B50-SP14-112025	SOIL			11/20/25			11/26/25
			Mercury	7471B		12/05/25	12/09/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	
Q3741-04	B50-SP9-112425	SOIL			11/24/25			11/26/25
			Mercury	7471B		12/05/25	12/09/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	
Q3741-05	B50-SP11-112525	SOIL			11/25/25			11/26/25
			Mercury	7471B		12/05/25	12/05/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	
Q3741-06	B50-SP4-112525	SOIL			11/25/25			11/26/25
			Mercury	7471B		12/05/25	12/09/25	
			Metals ICP-TAL	6010D		12/02/25	12/02/25	

Hit Summary Sheet
SW-846

SDG No.: Q3741 **Order ID:** Q3741
Client: Core Environmental Consultants and Services, Inc. **Project ID:** Brooklyn Navy Yard Building 50 SI

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP3-111925								
Q3741-01	B50-SP3-111925	SOIL	Aluminum	5730		0.80	4.79	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Arsenic	12.4		0.18	0.96	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Barium	129		0.70	4.79	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Beryllium	0.56		0.024	0.29	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Cadmium	0.83		0.023	0.29	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Calcium	8260		10.6	95.8	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Chromium	9.34		0.045	0.48	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Cobalt	7.22		0.096	1.44	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Copper	108		0.21	0.96	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Iron	13500		3.82	4.79	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Lead	286		0.12	0.57	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Magnesium	2430		11.5	95.8	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Manganese	218		0.13	0.96	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Mercury	0.49	D	0.014	0.026	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Nickel	22.8		0.12	1.92	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Potassium	1400		26.5	95.8	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Silver	0.98		0.12	0.48	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Sodium	1130		17.0	95.8	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Vanadium	18.4		0.24	1.92	mg/Kg
Q3741-01	B50-SP3-111925	SOIL	Zinc	184		0.22	1.92	mg/Kg
Client ID : B50-SP13-112025								
Q3741-02	B50-SP13-112025	SOIL	Aluminum	5850		0.86	5.14	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Arsenic	28.4		0.20	1.03	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Barium	181		0.75	5.14	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Beryllium	0.65		0.026	0.31	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Cadmium	0.96		0.025	0.31	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Calcium	9310		11.4	103	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Chromium	10.2		0.048	0.51	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Cobalt	8.80		0.10	1.54	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Copper	146		0.23	1.03	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Iron	17200		4.10	5.14	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Lead	674		0.13	0.62	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Magnesium	2360		12.3	103	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Manganese	270		0.14	1.03	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Mercury	1.08	D	0.041	0.074	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Nickel	27.6		0.13	2.06	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Potassium	1780		28.5	103	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q3741 **Order ID:** Q3741
Client: Core Environmental Consultants and Services, Inc. **Project ID:** Brooklyn Navy Yard Building 50 SI

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-02	B50-SP13-112025	SOIL	Silver	1.35		0.12	0.51	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Sodium	1360		18.3	103	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Vanadium	20.1		0.26	2.06	mg/Kg
Q3741-02	B50-SP13-112025	SOIL	Zinc	207		0.24	2.06	mg/Kg

Client ID : B50-SP14-112025

Q3741-03	B50-SP14-112025	SOIL	Aluminum	6160		0.91	5.43	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Arsenic	29.4		0.21	1.09	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Barium	134		0.79	5.43	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Beryllium	0.79		0.027	0.33	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Cadmium	1.23		0.026	0.33	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Calcium	17300		12.1	109	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Chromium	9.00		0.051	0.54	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Cobalt	9.42		0.11	1.63	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Copper	167		0.24	1.09	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Iron	20100		4.33	5.43	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Lead	676		0.14	0.65	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Magnesium	2610		13.0	109	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Manganese	222		0.15	1.09	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Mercury	1.62	D	0.039	0.070	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Nickel	24.9		0.14	2.17	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Potassium	2030		30.1	109	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Silver	1.54		0.13	0.54	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Sodium	2560		19.3	109	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Vanadium	21.0		0.27	2.17	mg/Kg
Q3741-03	B50-SP14-112025	SOIL	Zinc	245		0.25	2.17	mg/Kg

Client ID : B50-SP9-112425

Q3741-04	B50-SP9-112425	SOIL	Aluminum	4980		0.87	5.19	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Arsenic	18.1		0.20	1.04	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Barium	164		0.76	5.19	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Beryllium	0.68		0.026	0.31	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Cadmium	1.07		0.025	0.31	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Calcium	12400		11.5	104	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Chromium	7.29		0.049	0.52	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Cobalt	7.58		0.10	1.56	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Copper	290		0.23	1.04	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Iron	18300		4.14	5.19	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Lead	301		0.14	0.62	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Magnesium	2500		12.5	104	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Manganese	218		0.14	1.04	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3741 **Order ID:** Q3741
Client: Core Environmental Consultants and Services, Inc. **Project ID:** Brooklyn Navy Yard Building 50 SI

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-04	B50-SP9-112425	SOIL	Mercury	2.01	D	0.039	0.070	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Nickel	20.8		0.14	2.08	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Potassium	1720		28.8	104	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Silver	1.26		0.13	0.52	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Sodium	1590		18.5	104	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Vanadium	15.7		0.26	2.08	mg/Kg
Q3741-04	B50-SP9-112425	SOIL	Zinc	256		0.24	2.08	mg/Kg

Client ID : B50-SP11-112525

Q3741-05	B50-SP11-112525	SOIL	Aluminum	4200		0.96	5.71	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Arsenic	20.4		0.22	1.14	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Barium	53.2		0.83	5.71	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Beryllium	0.78		0.029	0.34	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Cadmium	3.96		0.027	0.34	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Calcium	31500		12.7	114	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Chromium	15.9		0.054	0.57	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Cobalt	5.41		0.11	1.71	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Copper	44.3		0.25	1.14	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Iron	25800		4.56	5.71	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Lead	119		0.15	0.69	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Magnesium	1650		13.7	114	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Manganese	162		0.16	1.14	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Mercury	0.16		0.0080	0.015	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Nickel	11.6		0.15	2.28	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Potassium	1100		31.6	114	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Silver	1.43		0.14	0.57	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Sodium	1450		20.3	114	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Vanadium	14.2		0.29	2.28	mg/Kg
Q3741-05	B50-SP11-112525	SOIL	Zinc	125		0.26	2.28	mg/Kg

Client ID : B50-SP4-112525

Q3741-06	B50-SP4-112525	SOIL	Aluminum	5990		0.81	4.81	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Arsenic	8.81		0.18	0.96	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Barium	97.3		0.70	4.81	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Beryllium	0.55		0.024	0.29	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Cadmium	0.78		0.023	0.29	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Calcium	10700		10.7	96.2	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Chromium	11.7		0.045	0.48	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Cobalt	7.04		0.096	1.44	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Copper	88.8		0.21	0.96	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Iron	13600		3.84	4.81	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3741 **Order ID:** Q3741
Client: Core Environmental Consultants and Services, Inc. **Project ID:** Brooklyn Navy Yard Building 50 SI

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-06	B50-SP4-112525	SOIL	Lead	315		0.13	0.58	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Magnesium	2510		11.5	96.2	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Manganese	215		0.14	0.96	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Mercury	2.97	D	0.043	0.077	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Nickel	20.5		0.13	1.92	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Potassium	1330		26.7	96.2	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Silver	1.02		0.12	0.48	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Sodium	513		17.1	96.2	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Thallium	0.31	J	0.22	1.92	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Vanadium	18.7		0.24	1.92	mg/Kg
Q3741-06	B50-SP4-112525	SOIL	Zinc	209		0.22	1.92	mg/Kg



SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Brooklyn Navy Yard Building 50 SI	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5730	*	1	0.80	4.79	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.39	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-38-2	Arsenic	12.4		1	0.18	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-39-3	Barium	129	N*	1	0.70	4.79	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-41-7	Beryllium	0.56		1	0.024	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-43-9	Cadmium	0.83		1	0.023	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-70-2	Calcium	8260	*	1	10.6	95.8	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-47-3	Chromium	9.34		1	0.045	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-48-4	Cobalt	7.22		1	0.096	1.44	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-50-8	Copper	108	N	1	0.21	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7439-89-6	Iron	13500	*	1	3.82	4.79	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7439-92-1	Lead	286	N*	1	0.12	0.57	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7439-95-4	Magnesium	2430		1	11.5	95.8	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7439-96-5	Manganese	218		1	0.13	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7439-97-6	Mercury	0.49	DN	2	0.014	0.026	mg/Kg	12/05/25 08:35	12/09/25 12:45	7471B	M7471B
7440-02-0	Nickel	22.8		1	0.12	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-09-7	Potassium	1400		1	26.5	95.8	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-22-4	Silver	0.98		1	0.12	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-23-5	Sodium	1130	N	1	17.0	95.8	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-62-2	Vanadium	18.4	N	1	0.24	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050
7440-66-6	Zinc	184	*	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:03	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Level (low/med): low

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5850	*	1	0.86	5.14	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.57	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-38-2	Arsenic	28.4		1	0.20	1.03	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-39-3	Barium	181	N*	1	0.75	5.14	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-41-7	Beryllium	0.65		1	0.026	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-43-9	Cadmium	0.96		1	0.025	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-70-2	Calcium	9310	*	1	11.4	103	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-47-3	Chromium	10.2		1	0.048	0.51	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-48-4	Cobalt	8.80		1	0.10	1.54	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-50-8	Copper	146	N	1	0.23	1.03	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7439-89-6	Iron	17200	*	1	4.10	5.14	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7439-92-1	Lead	674	N*	1	0.13	0.62	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7439-95-4	Magnesium	2360		1	12.3	103	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7439-96-5	Manganese	270		1	0.14	1.03	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7439-97-6	Mercury	1.08	DN	5	0.041	0.074	mg/Kg	12/05/25 08:35	12/09/25 13:06	7471B	M7471B
7440-02-0	Nickel	27.6		1	0.13	2.06	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-09-7	Potassium	1780		1	28.5	103	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.03	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-22-4	Silver	1.35		1	0.12	0.51	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-23-5	Sodium	1360	N	1	18.3	103	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-62-2	Vanadium	20.1	N	1	0.26	2.06	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050
7440-66-6	Zinc	207	*	1	0.24	2.06	mg/Kg	12/02/25 09:30	12/02/25 14:07	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Brooklyn Navy Yard Building 50 SI	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6160	*	1	0.91	5.43	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.71	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-38-2	Arsenic	29.4		1	0.21	1.09	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-39-3	Barium	134	N*	1	0.79	5.43	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-41-7	Beryllium	0.79		1	0.027	0.33	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-43-9	Cadmium	1.23		1	0.026	0.33	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-70-2	Calcium	17300	*	1	12.1	109	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-47-3	Chromium	9.00		1	0.051	0.54	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-48-4	Cobalt	9.42		1	0.11	1.63	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-50-8	Copper	167	N	1	0.24	1.09	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7439-89-6	Iron	20100	*	1	4.33	5.43	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7439-92-1	Lead	676	N*	1	0.14	0.65	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7439-95-4	Magnesium	2610		1	13.0	109	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7439-96-5	Manganese	222		1	0.15	1.09	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7439-97-6	Mercury	1.62	DN	5	0.039	0.070	mg/Kg	12/05/25 08:35	12/09/25 13:08	7471B	M7471B
7440-02-0	Nickel	24.9		1	0.14	2.17	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-09-7	Potassium	2030		1	30.1	109	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-22-4	Silver	1.54		1	0.13	0.54	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-23-5	Sodium	2560	N	1	19.3	109	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.17	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-62-2	Vanadium	21.0	N	1	0.27	2.17	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050
7440-66-6	Zinc	245	*	1	0.25	2.17	mg/Kg	12/02/25 09:30	12/02/25 14:24	6010D	SW3050

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LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Brooklyn Navy Yard Building 50 SI	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4980	*	1	0.87	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.60	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-38-2	Arsenic	18.1		1	0.20	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-39-3	Barium	164	N*	1	0.76	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-41-7	Beryllium	0.68		1	0.026	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-43-9	Cadmium	1.07		1	0.025	0.31	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-70-2	Calcium	12400	*	1	11.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-47-3	Chromium	7.29		1	0.049	0.52	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-48-4	Cobalt	7.58		1	0.10	1.56	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-50-8	Copper	290	N	1	0.23	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-89-6	Iron	18300	*	1	4.14	5.19	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-92-1	Lead	301	N*	1	0.14	0.62	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-95-4	Magnesium	2500		1	12.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-96-5	Manganese	218		1	0.14	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7439-97-6	Mercury	2.01	DN	5	0.039	0.070	mg/Kg	12/05/25 08:35	12/09/25 13:10	7471B	M7471B
7440-02-0	Nickel	20.8		1	0.14	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-09-7	Potassium	1720		1	28.8	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.04	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-22-4	Silver	1.26		1	0.13	0.52	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-23-5	Sodium	1590	N	1	18.5	104	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-62-2	Vanadium	15.7	N	1	0.26	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050
7440-66-6	Zinc	256	*	1	0.24	2.08	mg/Kg	12/02/25 09:30	12/02/25 14:28	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Level (low/med): low

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4200	*	1	0.96	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.86	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-38-2	Arsenic	20.4		1	0.22	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-39-3	Barium	53.2	N*	1	0.83	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.029	0.34	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-43-9	Cadmium	3.96		1	0.027	0.34	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-70-2	Calcium	31500	*	1	12.7	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-47-3	Chromium	15.9		1	0.054	0.57	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-48-4	Cobalt	5.41		1	0.11	1.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-50-8	Copper	44.3	N	1	0.25	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-89-6	Iron	25800	*	1	4.56	5.71	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-92-1	Lead	119	N*	1	0.15	0.69	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-95-4	Magnesium	1650		1	13.7	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-96-5	Manganese	162		1	0.16	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7439-97-6	Mercury	0.16	N	1	0.0080	0.015	mg/Kg	12/05/25 08:35	12/05/25 15:03	7471B	M7471B
7440-02-0	Nickel	11.6		1	0.15	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-09-7	Potassium	1100		1	31.6	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.14	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-22-4	Silver	1.43		1	0.14	0.57	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-23-5	Sodium	1450	N	1	20.3	114	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-62-2	Vanadium	14.2	N	1	0.29	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050
7440-66-6	Zinc	125	*	1	0.26	2.28	mg/Kg	12/02/25 09:30	12/02/25 14:33	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Brooklyn Navy Yard Building 50 SI
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Level (low/med): low

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5990	*	1	0.81	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.41	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-38-2	Arsenic	8.81		1	0.18	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-39-3	Barium	97.3	N*	1	0.70	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-41-7	Beryllium	0.55		1	0.024	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.023	0.29	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-70-2	Calcium	10700	*	1	10.7	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-47-3	Chromium	11.7		1	0.045	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-48-4	Cobalt	7.04		1	0.096	1.44	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-50-8	Copper	88.8	N	1	0.21	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-89-6	Iron	13600	*	1	3.84	4.81	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-92-1	Lead	315	N*	1	0.13	0.58	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-95-4	Magnesium	2510		1	11.5	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-96-5	Manganese	215		1	0.14	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7439-97-6	Mercury	2.97	DN	5	0.043	0.077	mg/Kg	12/05/25 08:35	12/09/25 13:13	7471B	M7471B
7440-02-0	Nickel	20.5		1	0.13	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-09-7	Potassium	1330		1	26.7	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-22-4	Silver	1.02		1	0.12	0.48	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-23-5	Sodium	513	N	1	17.1	96.2	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-28-0	Thallium	0.31	J	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-62-2	Vanadium	18.7	N	1	0.24	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050
7440-66-6	Zinc	209	*	1	0.22	1.92	mg/Kg	12/02/25 09:30	12/02/25 14:47	6010D	SW3050

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E = Indicates the reported value is estimated because of the presence of interference.

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METAL CALIBRATION DATA

A

B

C

D

E

F

G

H

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, IncSDG No.: Q3741Contract: CORE02Lab Code: ACEInitial Calibration Source: EPAContinuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV141	Mercury	4.06	4.0	101	90 - 110	CV	12/05/2025	14:12	LB138128

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV71	Mercury	4.93	5.0	99	90 - 110	CV	12/05/2025	14:16	LB138128
CCV72	Mercury	4.73	5.0	95	90 - 110	CV	12/05/2025	14:54	LB138128
CCV73	Mercury	4.85	5.0	97	90 - 110	CV	12/05/2025	15:23	LB138128

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>Core Environmental Consultants and Services, Inc</u>	SDG No.:	<u>Q3741</u>
Contract:	<u>CORE02</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>PLASMA-PURE</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV147	Mercury	3.88	4.0	97	90 - 110	CV	12/09/2025	11:28	LB138165

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV84	Mercury	5.20	5.0	104	90 - 110	CV	12/09/2025	11:33	LB138165
CCV85	Mercury	5.31	5.0	106	90 - 110	CV	12/09/2025	12:03	LB138165
CCV86	Mercury	5.28	5.0	106	90 - 110	CV	12/09/2025	12:40	LB138165
CCV87	Mercury	5.12	5.0	102	90 - 110	CV	12/09/2025	13:15	LB138165

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	90 - 110	P	12/02/2025	11:29	LB138085
	Antimony	3960	4000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Arsenic	3880	4000	97	90 - 110	P	12/02/2025	11:29	LB138085
	Barium	8280	8000	104	90 - 110	P	12/02/2025	11:29	LB138085
	Beryllium	205	200	102	90 - 110	P	12/02/2025	11:29	LB138085
	Cadmium	1920	2000	96	90 - 110	P	12/02/2025	11:29	LB138085
	Calcium	19900	20000	100	90 - 110	P	12/02/2025	11:29	LB138085
	Chromium	781	800	98	90 - 110	P	12/02/2025	11:29	LB138085
	Cobalt	1930	2000	97	90 - 110	P	12/02/2025	11:29	LB138085
	Copper	999	1000	100	90 - 110	P	12/02/2025	11:29	LB138085
	Iron	3940	4000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Lead	3790	4000	95	90 - 110	P	12/02/2025	11:29	LB138085
	Magnesium	19600	20000	98	90 - 110	P	12/02/2025	11:29	LB138085
	Manganese	2050	2000	102	90 - 110	P	12/02/2025	11:29	LB138085
	Nickel	1940	2000	97	90 - 110	P	12/02/2025	11:29	LB138085
	Potassium	19600	20000	98	90 - 110	P	12/02/2025	11:29	LB138085
	Selenium	3970	4000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Silver	1080	1000	108	90 - 110	P	12/02/2025	11:29	LB138085
	Sodium	20300	20000	101	90 - 110	P	12/02/2025	11:29	LB138085
	Thallium	4060	4000	102	90 - 110	P	12/02/2025	11:29	LB138085
	Vanadium	1970	2000	99	90 - 110	P	12/02/2025	11:29	LB138085
	Zinc	2020	2000	101	90 - 110	P	12/02/2025	11:29	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	112	100	112	80 - 120	P	12/02/2025	11:34	LB138085
	Antimony	50.1	50.0	100	80 - 120	P	12/02/2025	11:34	LB138085
	Arsenic	22.6	20.0	113	80 - 120	P	12/02/2025	11:34	LB138085
	Barium	104	100	104	80 - 120	P	12/02/2025	11:34	LB138085
	Beryllium	6.61	6.0	110	80 - 120	P	12/02/2025	11:34	LB138085
	Cadmium	6.22	6.0	104	80 - 120	P	12/02/2025	11:34	LB138085
	Calcium	2050	2000	102	80 - 120	P	12/02/2025	11:34	LB138085
	Chromium	9.91	10.0	99	80 - 120	P	12/02/2025	11:34	LB138085
	Cobalt	29.9	30.0	100	80 - 120	P	12/02/2025	11:34	LB138085
	Copper	21.9	20.0	110	80 - 120	P	12/02/2025	11:34	LB138085
	Iron	103	100	103	80 - 120	P	12/02/2025	11:34	LB138085
	Lead	11.3	12.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Magnesium	2170	2000	109	80 - 120	P	12/02/2025	11:34	LB138085
	Manganese	21.9	20.0	110	80 - 120	P	12/02/2025	11:34	LB138085
	Nickel	40.7	40.0	102	80 - 120	P	12/02/2025	11:34	LB138085
	Potassium	1900	2000	95	80 - 120	P	12/02/2025	11:34	LB138085
	Selenium	18.8	20.0	94	80 - 120	P	12/02/2025	11:34	LB138085
	Silver	10.3	10.0	103	80 - 120	P	12/02/2025	11:34	LB138085
	Sodium	2010	2000	100	80 - 120	P	12/02/2025	11:34	LB138085
	Thallium	44.2	40.0	111	80 - 120	P	12/02/2025	11:34	LB138085
	Vanadium	40.2	40.0	100	80 - 120	P	12/02/2025	11:34	LB138085
	Zinc	40.6	40.0	102	80 - 120	P	12/02/2025	11:34	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	12/02/2025	12:10	LB138085
	Antimony	4970	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Arsenic	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Barium	10200	10000	102	90 - 110	P	12/02/2025	12:10	LB138085
	Beryllium	254	250	102	90 - 110	P	12/02/2025	12:10	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	12:10	LB138085
	Calcium	25300	25000	101	90 - 110	P	12/02/2025	12:10	LB138085
	Chromium	1000	1000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Cobalt	2470	2500	99	90 - 110	P	12/02/2025	12:10	LB138085
	Copper	1250	1250	100	90 - 110	P	12/02/2025	12:10	LB138085
	Iron	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Magnesium	25100	25000	101	90 - 110	P	12/02/2025	12:10	LB138085
	Manganese	2540	2500	101	90 - 110	P	12/02/2025	12:10	LB138085
	Nickel	2480	2500	99	90 - 110	P	12/02/2025	12:10	LB138085
	Potassium	24800	25000	99	90 - 110	P	12/02/2025	12:10	LB138085
	Selenium	4980	5000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Silver	1250	1250	100	90 - 110	P	12/02/2025	12:10	LB138085
	Sodium	25400	25000	101	90 - 110	P	12/02/2025	12:10	LB138085
	Thallium	4980	5000	100	90 - 110	P	12/02/2025	12:10	LB138085
	Vanadium	2520	2500	101	90 - 110	P	12/02/2025	12:10	LB138085
	Zinc	2520	2500	101	90 - 110	P	12/02/2025	12:10	LB138085
CCV02	Aluminum	10100	10000	100	90 - 110	P	12/02/2025	13:13	LB138085
	Antimony	5120	5000	102	90 - 110	P	12/02/2025	13:13	LB138085
	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	13:13	LB138085
	Barium	9890	10000	99	90 - 110	P	12/02/2025	13:13	LB138085
	Beryllium	249	250	100	90 - 110	P	12/02/2025	13:13	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	13:13	LB138085
	Calcium	25000	25000	100	90 - 110	P	12/02/2025	13:13	LB138085
	Chromium	1020	1000	102	90 - 110	P	12/02/2025	13:13	LB138085
	Cobalt	2500	2500	100	90 - 110	P	12/02/2025	13:13	LB138085
	Copper	1280	1250	103	90 - 110	P	12/02/2025	13:13	LB138085
	Iron	5090	5000	102	90 - 110	P	12/02/2025	13:13	LB138085
	Lead	5020	5000	100	90 - 110	P	12/02/2025	13:13	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24800	25000	99	90 - 110	P	12/02/2025	13:13	LB138085
	Manganese	2480	2500	99	90 - 110	P	12/02/2025	13:13	LB138085
	Nickel	2520	2500	101	90 - 110	P	12/02/2025	13:13	LB138085
	Potassium	25900	25000	104	90 - 110	P	12/02/2025	13:13	LB138085
	Selenium	5180	5000	104	90 - 110	P	12/02/2025	13:13	LB138085
	Silver	1280	1250	103	90 - 110	P	12/02/2025	13:13	LB138085
	Sodium	26300	25000	105	90 - 110	P	12/02/2025	13:13	LB138085
	Thallium	4690	5000	94	90 - 110	P	12/02/2025	13:13	LB138085
	Vanadium	2490	2500	100	90 - 110	P	12/02/2025	13:13	LB138085
	Zinc	2590	2500	104	90 - 110	P	12/02/2025	13:13	LB138085
CCV03	Aluminum	10100	10000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Antimony	5100	5000	102	90 - 110	P	12/02/2025	14:11	LB138085
	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Barium	10100	10000	102	90 - 110	P	12/02/2025	14:11	LB138085
	Beryllium	247	250	99	90 - 110	P	12/02/2025	14:11	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	14:11	LB138085
	Calcium	25000	25000	100	90 - 110	P	12/02/2025	14:11	LB138085
	Chromium	987	1000	99	90 - 110	P	12/02/2025	14:11	LB138085
	Cobalt	2470	2500	99	90 - 110	P	12/02/2025	14:11	LB138085
	Copper	1280	1250	102	90 - 110	P	12/02/2025	14:11	LB138085
	Iron	5060	5000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Lead	4970	5000	100	90 - 110	P	12/02/2025	14:11	LB138085
	Magnesium	24800	25000	99	90 - 110	P	12/02/2025	14:11	LB138085
	Manganese	2500	2500	100	90 - 110	P	12/02/2025	14:11	LB138085
	Nickel	2500	2500	100	90 - 110	P	12/02/2025	14:11	LB138085
	Potassium	25200	25000	101	90 - 110	P	12/02/2025	14:11	LB138085
	Selenium	5230	5000	105	90 - 110	P	12/02/2025	14:11	LB138085
	Silver	1260	1250	100	90 - 110	P	12/02/2025	14:11	LB138085
	Sodium	25900	25000	104	90 - 110	P	12/02/2025	14:11	LB138085
	Thallium	4900	5000	98	90 - 110	P	12/02/2025	14:11	LB138085
	Vanadium	2500	2500	100	90 - 110	P	12/02/2025	14:11	LB138085
	Zinc	2530	2500	101	90 - 110	P	12/02/2025	14:11	LB138085
CCV04	Aluminum	10200	10000	102	90 - 110	P	12/02/2025	15:15	LB138085
	Antimony	5200	5000	104	90 - 110	P	12/02/2025	15:15	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5140	5000	103	90 - 110	P	12/02/2025	15:15	LB138085
	Barium	10500	10000	105	90 - 110	P	12/02/2025	15:15	LB138085
	Beryllium	250	250	100	90 - 110	P	12/02/2025	15:15	LB138085
	Cadmium	2500	2500	100	90 - 110	P	12/02/2025	15:15	LB138085
	Calcium	25500	25000	102	90 - 110	P	12/02/2025	15:15	LB138085
	Chromium	990	1000	99	90 - 110	P	12/02/2025	15:15	LB138085
	Cobalt	2520	2500	101	90 - 110	P	12/02/2025	15:15	LB138085
	Copper	1300	1250	104	90 - 110	P	12/02/2025	15:15	LB138085
	Iron	5230	5000	105	90 - 110	P	12/02/2025	15:15	LB138085
	Lead	5050	5000	101	90 - 110	P	12/02/2025	15:15	LB138085
	Magnesium	24900	25000	100	90 - 110	P	12/02/2025	15:15	LB138085
	Manganese	2590	2500	104	90 - 110	P	12/02/2025	15:15	LB138085
	Nickel	2550	2500	102	90 - 110	P	12/02/2025	15:15	LB138085
	Potassium	26000	25000	104	90 - 110	P	12/02/2025	15:15	LB138085
	Selenium	5330	5000	107	90 - 110	P	12/02/2025	15:15	LB138085
	Silver	1280	1250	102	90 - 110	P	12/02/2025	15:15	LB138085
	Sodium	26900	25000	108	90 - 110	P	12/02/2025	15:15	LB138085
	Thallium	5220	5000	104	90 - 110	P	12/02/2025	15:15	LB138085
	Vanadium	2520	2500	101	90 - 110	P	12/02/2025	15:15	LB138085
	Zinc	2570	2500	103	90 - 110	P	12/02/2025	15:15	LB138085
CCV05	Aluminum	10200	10000	102	90 - 110	P	12/02/2025	16:05	LB138085
	Antimony	5110	5000	102	90 - 110	P	12/02/2025	16:05	LB138085
	Arsenic	5040	5000	101	90 - 110	P	12/02/2025	16:05	LB138085
	Barium	10600	10000	106	90 - 110	P	12/02/2025	16:05	LB138085
	Beryllium	249	250	100	90 - 110	P	12/02/2025	16:05	LB138085
	Cadmium	2460	2500	98	90 - 110	P	12/02/2025	16:05	LB138085
	Calcium	25600	25000	102	90 - 110	P	12/02/2025	16:05	LB138085
	Chromium	968	1000	97	90 - 110	P	12/02/2025	16:05	LB138085
	Cobalt	2480	2500	99	90 - 110	P	12/02/2025	16:05	LB138085
	Copper	1280	1250	102	90 - 110	P	12/02/2025	16:05	LB138085
	Iron	5170	5000	103	90 - 110	P	12/02/2025	16:05	LB138085
	Lead	4950	5000	99	90 - 110	P	12/02/2025	16:05	LB138085
	Magnesium	24900	25000	100	90 - 110	P	12/02/2025	16:05	LB138085
	Manganese	2640	2500	106	90 - 110	P	12/02/2025	16:05	LB138085

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	12/02/2025	16:05	LB138085
	Potassium	25600	25000	102	90 - 110	P	12/02/2025	16:05	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:05	LB138085
	Silver	1250	1250	100	90 - 110	P	12/02/2025	16:05	LB138085
	Sodium	27100	25000	108	90 - 110	P	12/02/2025	16:05	LB138085
	Thallium	5160	5000	103	90 - 110	P	12/02/2025	16:05	LB138085
	Vanadium	2530	2500	101	90 - 110	P	12/02/2025	16:05	LB138085
	Zinc	2510	2500	100	90 - 110	P	12/02/2025	16:05	LB138085
CCV06	Aluminum	10100	10000	101	90 - 110	P	12/02/2025	16:55	LB138085
	Antimony	5130	5000	102	90 - 110	P	12/02/2025	16:55	LB138085
	Arsenic	5050	5000	101	90 - 110	P	12/02/2025	16:55	LB138085
	Barium	10400	10000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Beryllium	251	250	100	90 - 110	P	12/02/2025	16:55	LB138085
	Cadmium	2470	2500	99	90 - 110	P	12/02/2025	16:55	LB138085
	Calcium	25500	25000	102	90 - 110	P	12/02/2025	16:55	LB138085
	Chromium	983	1000	98	90 - 110	P	12/02/2025	16:55	LB138085
	Cobalt	2500	2500	100	90 - 110	P	12/02/2025	16:55	LB138085
	Copper	1290	1250	103	90 - 110	P	12/02/2025	16:55	LB138085
	Iron	5170	5000	103	90 - 110	P	12/02/2025	16:55	LB138085
	Lead	5000	5000	100	90 - 110	P	12/02/2025	16:55	LB138085
	Magnesium	24800	25000	99	90 - 110	P	12/02/2025	16:55	LB138085
	Manganese	2610	2500	104	90 - 110	P	12/02/2025	16:55	LB138085
	Nickel	2540	2500	102	90 - 110	P	12/02/2025	16:55	LB138085
	Potassium	25800	25000	103	90 - 110	P	12/02/2025	16:55	LB138085
	Selenium	5220	5000	104	90 - 110	P	12/02/2025	16:55	LB138085
	Silver	1260	1250	101	90 - 110	P	12/02/2025	16:55	LB138085
	Sodium	26700	25000	107	90 - 110	P	12/02/2025	16:55	LB138085
	Thallium	4600	5000	92	90 - 110	P	12/02/2025	16:55	LB138085
	Vanadium	2510	2500	101	90 - 110	P	12/02/2025	16:55	LB138085
	Zinc	2550	2500	102	90 - 110	P	12/02/2025	16:55	LB138085

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	108	100	108	65 - 135	P	12/02/2025	11:42	LB138085
	Antimony	52.1	50.0	104	65 - 135	P	12/02/2025	11:42	LB138085
	Arsenic	20.2	20.0	101	65 - 135	P	12/02/2025	11:42	LB138085
	Barium	102	100	102	65 - 135	P	12/02/2025	11:42	LB138085
	Beryllium	6.67	6.0	111	65 - 135	P	12/02/2025	11:42	LB138085
	Cadmium	6.34	6.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Calcium	2050	2000	102	65 - 135	P	12/02/2025	11:42	LB138085
	Chromium	10.6	10.0	106	65 - 135	P	12/02/2025	11:42	LB138085
	Cobalt	30.0	30.0	100	65 - 135	P	12/02/2025	11:42	LB138085
	Copper	21.5	20.0	108	65 - 135	P	12/02/2025	11:42	LB138085
	Iron	110	100	110	65 - 135	P	12/02/2025	11:42	LB138085
	Lead	10.2	12.0	85	65 - 135	P	12/02/2025	11:42	LB138085
	Magnesium	2160	2000	108	65 - 135	P	12/02/2025	11:42	LB138085
	Manganese	21.6	20.0	108	65 - 135	P	12/02/2025	11:42	LB138085
	Nickel	41.1	40.0	103	65 - 135	P	12/02/2025	11:42	LB138085
	Potassium	1980	2000	99	65 - 135	P	12/02/2025	11:42	LB138085
	Selenium	19.3	20.0	96	65 - 135	P	12/02/2025	11:42	LB138085
	Silver	10.1	10.0	101	65 - 135	P	12/02/2025	11:42	LB138085
	Sodium	1990	2000	100	65 - 135	P	12/02/2025	11:42	LB138085
	Thallium	49.9	40.0	125	65 - 135	P	12/02/2025	11:42	LB138085
	Vanadium	42.0	40.0	105	65 - 135	P	12/02/2025	11:42	LB138085
	Zinc	41.5	40.0	104	65 - 135	P	12/02/2025	11:42	LB138085
CRA	Mercury	0.24	0.2	119	70 - 130	CV	12/05/2025	14:21	LB138128
CRA	Mercury	0.17	0.2	83	70 - 130	CV	12/09/2025	11:40	LB138165



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB141	Mercury	0.076	+/-0.2	U	0.20	CV	12/05/2025	14:14	LB138128

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.076	+/-0.2	U	0.20	CV	12/05/2025	14:19	LB138128
CCB72	Mercury	0.076	+/-0.2	U	0.20	CV	12/05/2025	14:56	LB138128
CCB73	Mercury	0.076	+/-0.2	U	0.20	CV	12/05/2025	15:25	LB138128

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB147	Mercury	0.076	+/-0.2	U	0.20	CV	12/09/2025	11:30	LB138165

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB84	Mercury	0.076	+/-0.2	U	0.20	CV	12/09/2025	11:35	LB138165
CCB85	Mercury	0.076	+/-0.2	U	0.20	CV	12/09/2025	12:05	LB138165
CCB86	Mercury	0.076	+/-0.2	U	0.20	CV	12/09/2025	12:43	LB138165
CCB87	Mercury	0.076	+/-0.2	U	0.20	CV	12/09/2025	13:17	LB138165

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	12/02/2025	11:38	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	11:38	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	11:38	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	11:38	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	11:38	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	11:38	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	11:38	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	11:38	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	11:38	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	11:38	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	11:38	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	11:38	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	11:38	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	11:38	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	11:38	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	11:38	LB138085
	Thallium	5.65	+/-20	J	40.0	P	12/02/2025	11:38	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	11:38	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	11:38	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	12/02/2025	12:14	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	12:14	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	12:14	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	12:14	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	12:14	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	12:14	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	12:14	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	12:14	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	12:14	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	12:14	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	12:14	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	12:14	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	12:14	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	12:14	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	12:14	LB138085
	Thallium	4.38	+/-20	U	40.0	P	12/02/2025	12:14	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	12:14	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	12:14	LB138085
CCB02	Aluminum	11.3	+/-50	U	100	P	12/02/2025	13:17	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	13:17	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	13:17	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	13:17	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	13:17	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	13:17	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	13:17	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	13:17	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	13:17	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	13:17	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	13:17	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	13:17	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	13:17	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	13:17	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	12/02/2025	13:17	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	13:17	LB138085
	Thallium	7.81	+/-20	J	40.0	P	12/02/2025	13:17	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	13:17	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	13:17	LB138085
CCB03	Aluminum	13.3	+/-50	J	100	P	12/02/2025	14:15	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	14:15	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	14:15	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	14:15	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	14:15	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	14:15	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	14:15	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Iron	25.1	+/-50	J	100	P	12/02/2025	14:15	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	14:15	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	14:15	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	14:15	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	14:15	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	14:15	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	14:15	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	14:15	LB138085
	Thallium	4.38	+/-20	U	40.0	P	12/02/2025	14:15	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	14:15	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	14:15	LB138085
CCB04	Aluminum	22.4	+/-50	J	100	P	12/02/2025	15:20	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	15:20	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	15:20	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	15:20	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	15:20	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	15:20	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	15:20	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	15:20	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	15:20	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	12/02/2025	15:20	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	15:20	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	15:20	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	15:20	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	15:20	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	15:20	LB138085
	Thallium	5.38	+/-20	J	40.0	P	12/02/2025	15:20	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	15:20	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	15:20	LB138085
CCB05	Aluminum	11.3	+/-50	U	100	P	12/02/2025	16:09	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	16:09	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:09	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	16:09	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:09	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	16:09	LB138085
	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	16:09	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	16:09	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	16:09	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	16:09	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	16:09	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	16:09	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:09	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:09	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	16:09	LB138085
	Thallium	5.53	+/-20	J	40.0	P	12/02/2025	16:09	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	16:09	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	16:09	LB138085
CCB06	Aluminum	11.3	+/-50	U	100	P	12/02/2025	16:59	LB138085
	Antimony	6.76	+/-25	U	50.0	P	12/02/2025	16:59	LB138085
	Arsenic	5.12	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Barium	14.6	+/-50	U	100	P	12/02/2025	16:59	LB138085
	Beryllium	0.56	+/-3	U	6.00	P	12/02/2025	16:59	LB138085
	Cadmium	0.50	+/-3	U	6.00	P	12/02/2025	16:59	LB138085
	Calcium	234	+/-1000	U	2000	P	12/02/2025	16:59	LB138085

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	12/02/2025	16:59	LB138085
	Cobalt	2.26	+/-15	U	30.0	P	12/02/2025	16:59	LB138085
	Copper	4.60	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Iron	23.4	+/-50	U	100	P	12/02/2025	16:59	LB138085
	Lead	2.30	+/-6	U	12.0	P	12/02/2025	16:59	LB138085
	Magnesium	244	+/-1000	U	2000	P	12/02/2025	16:59	LB138085
	Manganese	5.94	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Nickel	3.06	+/-20	U	40.0	P	12/02/2025	16:59	LB138085
	Potassium	918	+/-1000	U	2000	P	12/02/2025	16:59	LB138085
	Selenium	9.64	+/-10	U	20.0	P	12/02/2025	16:59	LB138085
	Silver	1.62	+/-5	U	10.0	P	12/02/2025	16:59	LB138085
	Sodium	868	+/-1000	U	2000	P	12/02/2025	16:59	LB138085
	Thallium	4.85	+/-20	J	40.0	P	12/02/2025	16:59	LB138085
	Vanadium	6.26	+/-20	U	40.0	P	12/02/2025	16:59	LB138085
	Zinc	16.7	+/-20	U	40.0	P	12/02/2025	16:59	LB138085

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3741

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170840BL		SOLID		Batch Number:	PB170840		Prep Date:	12/05/2025	
	Mercury	0.0080	<0.013	U	0.013	CV	12/05/2025	14:28	LB138128

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3741

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170777BL	SOLID			Batch Number:	PB170777		Prep Date:	12/02/2025	
	Aluminum	0.84	<2.5	U	5.00	P	12/02/2025	13:26	LB138085
	Antimony	0.22	<1.25	U	2.50	P	12/02/2025	13:26	LB138085
	Arsenic	0.19	<0.5	U	1.00	P	12/02/2025	13:26	LB138085
	Barium	0.73	<2.5	U	5.00	P	12/02/2025	13:26	LB138085
	Beryllium	0.025	<0.15	U	0.30	P	12/02/2025	13:26	LB138085
	Cadmium	0.024	<0.15	U	0.30	P	12/02/2025	13:26	LB138085
	Calcium	11.1	<50	U	100	P	12/02/2025	13:26	LB138085
	Chromium	0.047	<0.25	U	0.50	P	12/02/2025	13:26	LB138085
	Cobalt	0.10	<0.75	U	1.50	P	12/02/2025	13:26	LB138085
	Copper	0.22	<0.5	U	1.00	P	12/02/2025	13:26	LB138085
	Iron	3.99	<2.5	U	5.00	P	12/02/2025	13:26	LB138085
	Lead	0.13	<0.3	U	0.60	P	12/02/2025	13:26	LB138085
	Magnesium	12.0	<50	U	100	P	12/02/2025	13:26	LB138085
	Manganese	0.14	<0.5	U	1.00	P	12/02/2025	13:26	LB138085
	Nickel	0.13	<1	U	2.00	P	12/02/2025	13:26	LB138085
	Potassium	27.7	<50	U	100	P	12/02/2025	13:26	LB138085
	Selenium	0.26	<0.5	U	1.00	P	12/02/2025	13:26	LB138085
	Silver	0.12	<0.25	U	0.50	P	12/02/2025	13:26	LB138085
	Sodium	17.8	<50	U	100	P	12/02/2025	13:26	LB138085
	Thallium	0.34	<1	J	2.00	P	12/02/2025	13:26	LB138085
	Vanadium	0.25	<1	U	2.00	P	12/02/2025	13:26	LB138085
	Zinc	0.23	<1	U	2.00	P	12/02/2025	13:26	LB138085

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Core Environmental Consultants and Services, Inc.</u>	SDG No.: <u>Q3741</u>
Contract: <u>CORE02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	268000	255000	105	216000	294000	12/02/2025	11:52	LB138085
	Antimony	-6.65			-50	50	12/02/2025	11:52	LB138085
	Arsenic	2.54			-20	20	12/02/2025	11:52	LB138085
	Barium	4.18	6.0	70	-94	106	12/02/2025	11:52	LB138085
	Beryllium	1.60			-6	6	12/02/2025	11:52	LB138085
	Cadmium	4.20	1.0	420	-5	7	12/02/2025	11:52	LB138085
	Calcium	256000	245000	104	208000	282000	12/02/2025	11:52	LB138085
	Chromium	46.6	52.0	90	42	62	12/02/2025	11:52	LB138085
	Cobalt	2.36			-30	30	12/02/2025	11:52	LB138085
	Copper	0.50	2.0	25	-18	22	12/02/2025	11:52	LB138085
	Iron	103000	101000	102	85600	116500	12/02/2025	11:52	LB138085
	Lead	5.64			-12	12	12/02/2025	11:52	LB138085
	Magnesium	274000	255000	108	216000	294000	12/02/2025	11:52	LB138085
	Manganese	9.91	7.0	142	-13	27	12/02/2025	11:52	LB138085
	Nickel	6.08	2.0	304	-38	42	12/02/2025	11:52	LB138085
	Potassium	41.4			0	0	12/02/2025	11:52	LB138085
	Selenium	-2.16			-20	20	12/02/2025	11:52	LB138085
	Silver	8.41			-10	10	12/02/2025	11:52	LB138085
	Sodium	133			0	0	12/02/2025	11:52	LB138085
	Thallium	17.4			-40	40	12/02/2025	11:52	LB138085
	Vanadium	5.74			-40	40	12/02/2025	11:52	LB138085
	Zinc	3.36			-40	40	12/02/2025	11:52	LB138085
ICSAB01	Aluminum	251000	247000	102	209000	285000	12/02/2025	11:57	LB138085
	Antimony	600	618	97	525	711	12/02/2025	11:57	LB138085
	Arsenic	108	104	104	88.4	120	12/02/2025	11:57	LB138085
	Barium	500	537	93	437	637	12/02/2025	11:57	LB138085
	Beryllium	505	495	102	420	570	12/02/2025	11:57	LB138085
	Cadmium	1000	972	103	826	1120	12/02/2025	11:57	LB138085
	Calcium	240000	235000	102	199000	271000	12/02/2025	11:57	LB138085
	Chromium	538	542	99	460	624	12/02/2025	11:57	LB138085
	Cobalt	499	476	105	404	548	12/02/2025	11:57	LB138085
	Copper	480	511	94	434	588	12/02/2025	11:57	LB138085
	Iron	92700	99300	93	84400	114500	12/02/2025	11:57	LB138085
	Lead	52.6	49.0	107	37	61	12/02/2025	11:57	LB138085
	Magnesium	257000	248000	104	210000	286000	12/02/2025	11:57	LB138085
	Manganese	499	507	98	430	584	12/02/2025	11:57	LB138085
	Nickel	994	954	104	810	1100	12/02/2025	11:57	LB138085
	Potassium	19.2			0	0	12/02/2025	11:57	LB138085
	Selenium	41.4	46.0	90	26	66	12/02/2025	11:57	LB138085
	Silver	185	201	92	170	232	12/02/2025	11:57	LB138085
	Sodium	101			0	0	12/02/2025	11:57	LB138085
	Thallium	128	108	118	68	148	12/02/2025	11:57	LB138085

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	486	491	99	417	565	12/02/2025	11:57	LB138085
	Zinc	1030	952	108	809	1095	12/02/2025	11:57	LB138085



METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Core Environmental Consultants and Service</u>	level: <u>low</u>	sdg no.: <u>Q3741</u>
contract: <u>CORE02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3741-01</u>	client id: <u>B50-SP3-111925MS</u>
Percent Solids for Sample: 91.6	Spiked ID: Q3741-01MS	Percent Solids for Spike Sample: 91.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.52	D	0.49	D	0.27	15	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3741-01 **client id:** B50-SP3-111925MSD

Percent Solids for Sample: 91.6 **Spiked ID:** Q3741-01MSD **Percent Solids for Spike Sample:** 91.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.55	D	0.49	D	0.28	22	N	CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3750-01 **client id:** FENCE WC-1MS
Percent Solids for Sample: 86.8 **Spiked ID:** Q3750-01MS **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6080		3380		110	2459		P
Antimony	mg/Kg	75 - 125	20.3		2.63	U	42.9	47	N	P
Arsenic	mg/Kg	75 - 125	46.7		6.04		42.9	95		P
Barium	mg/Kg	75 - 125	48.7		24.4		10.7	226	N	P
Beryllium	mg/Kg	75 - 125	9.52		0.28	J	10.7	86		P
Cadmium	mg/Kg	75 - 125	11.2		0.37		10.7	101		P
Calcium	mg/Kg	75 - 125	1180		788		53.6	740		P
Chromium	mg/Kg	75 - 125	34.6		9.32		21.4	118		P
Cobalt	mg/Kg	75 - 125	15.1		2.65		10.7	116		P
Copper	mg/Kg	75 - 125	37.2		14.3		16.1	142	N	P
Iron	mg/Kg	75 - 125	11000		8530		160	1554		P
Lead	mg/Kg	75 - 125	277		114		53.6	303	N	P
Magnesium	mg/Kg	75 - 125	1250		720		110	483		P
Manganese	mg/Kg	75 - 125	240		174		10.7	617		P
Nickel	mg/Kg	75 - 125	37.6		6.28		26.8	117		P
Potassium	mg/Kg	75 - 125	886		282		540	112		P
Selenium	mg/Kg	75 - 125	93.8		1.05	U	110	85		P
Silver	mg/Kg	75 - 125	4.17		0.58		4.0	90		P
Sodium	mg/Kg	75 - 125	409		103	J	160	191	N	P
Thallium	mg/Kg	75 - 125	99.9		2.10	U	110	91		P
Vanadium	mg/Kg	75 - 125	32.0		10.8		16.1	132	N	P
Zinc	mg/Kg	75 - 125	135		65.2		10.7	652		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3741
contract: CORE02 **lab code:** ACE
matrix: Solid **sample id:** Q3750-01 **client id:** FENCE WC-1MSD
Percent Solids for Sample: 86.8 **Spiked ID:** Q3750-01MSD **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4600		3380		110	1113		P
Antimony	mg/Kg	75 - 125	21.6		2.63	U	42.5	51	N	P
Arsenic	mg/Kg	75 - 125	45.3		6.04		42.5	92		P
Barium	mg/Kg	75 - 125	38.3		24.4		10.6	130	N	P
Beryllium	mg/Kg	75 - 125	9.58		0.28	J	10.6	88		P
Cadmium	mg/Kg	75 - 125	10.8		0.37		10.6	99		P
Calcium	mg/Kg	75 - 125	927		788		53.1	263		P
Chromium	mg/Kg	75 - 125	30.8		9.32		21.2	101		P
Cobalt	mg/Kg	75 - 125	13.9		2.65		10.6	106		P
Copper	mg/Kg	75 - 125	32.1		14.3		15.9	112		P
Iron	mg/Kg	75 - 125	8930		8530		160	253		P
Lead	mg/Kg	75 - 125	204		114		53.1	170	N	P
Magnesium	mg/Kg	75 - 125	1020		720		110	277		P
Manganese	mg/Kg	75 - 125	196		174		10.6	202		P
Nickel	mg/Kg	75 - 125	34.5		6.28		26.5	107		P
Potassium	mg/Kg	75 - 125	816		282		530	101		P
Selenium	mg/Kg	75 - 125	96.4		1.05	U	110	88		P
Silver	mg/Kg	75 - 125	4.01		0.58		4.0	86		P
Sodium	mg/Kg	75 - 125	346		103	J	160	152	N	P
Thallium	mg/Kg	75 - 125	104		2.10	U	110	94		P
Vanadium	mg/Kg	75 - 125	27.7		10.8		15.9	107		P
Zinc	mg/Kg	75 - 125	98.6		65.2		10.6	315		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Core Environmental Consultants and Servic</u>	SDG No.:	<u>Q3741</u>
Contract:	<u>CORE02</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>
		Client ID:	<u>B50-SP3-111925A</u>
Sample ID:	<u>Q3741-01</u>	Spiked ID:	<u>Q3741-01A</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.53	D	0.49	D	0.52	8	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Core Environmental Consultants and Service</u>	SDG No.: <u>Q3741</u>	
Contract: <u>CORE02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>FENCE WC-1A</u>
Sample ID: <u>Q3750-01</u>	Spiked ID: <u>Q3750-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	40.6		2.63	U	42.1	96		P
Barium	mg/Kg	75 - 125	31.7		24.4		10.5	69	N	P
Copper	mg/Kg	75 - 125	28.5		14.3		15.8	90		P
Lead	mg/Kg	75 - 125	157		114		52.6	82		P
Sodium	mg/Kg	75 - 125	251		103	J	160	92		P
Vanadium	mg/Kg	75 - 125	25.0		10.8		15.8	90		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3741-01 **Client ID:** B50-SP3-111925DUP
Percent Solids for Sample: 91.6 **Duplicate ID** Q3741-01DUP **Percent Solids for Spike Sample:** 91.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.68	OR	0.67		2		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3741-01MS **Client ID:** B50-SP3-111925MSD
Percent Solids for Sample: 91.6 **Duplicate ID** Q3741-01MSD **Percent Solids for Spike Sample:** 91.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.52	D	0.55	D	4		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3750-01 **Client ID:** FENCE WC-1DUP

Percent Solids for Sample: 86.8 **Duplicate ID** Q3750-01DUP **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3380		3750		10		P
Antimony	mg/Kg	20	2.63	U	0.76	J	200.0		P
Arsenic	mg/Kg	20	6.04		5.98		1		P
Barium	mg/Kg	20	24.4		24.0		2		P
Beryllium	mg/Kg	20	0.28	J	0.30	J	7		P
Cadmium	mg/Kg	20	0.37		0.36		3		P
Calcium	mg/Kg	20	788		874		10		P
Chromium	mg/Kg	20	9.32		9.14		2		P
Cobalt	mg/Kg	20	2.65		2.88		8		P
Copper	mg/Kg	20	14.3		14.2		1		P
Iron	mg/Kg	20	8530		8150		5		P
Lead	mg/Kg	20	114		106		7		P
Magnesium	mg/Kg	20	720		850		17		P
Manganese	mg/Kg	20	174		173		1		P
Nickel	mg/Kg	20	6.28		6.52		4		P
Potassium	mg/Kg	20	282		305		8		P
Selenium	mg/Kg	20	1.05	U	1.06	U			P
Silver	mg/Kg	20	0.58		0.52	J	12		P
Sodium	mg/Kg	20	103	J	132		25		P
Thallium	mg/Kg	20	2.10	U	2.11	U			P
Vanadium	mg/Kg	20	10.8		11.8		9		P
Zinc	mg/Kg	20	65.2		65.7		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3750-01MS **Client ID:** FENCE WC-1MSD
Percent Solids for Sample: 86.8 **Duplicate ID** Q3750-01MSD **Percent Solids for Spike Sample:** 86.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6080		4600		28	*	P
Antimony	mg/Kg	20	20.3		21.6		6		P
Arsenic	mg/Kg	20	46.7		45.3		3		P
Barium	mg/Kg	20	48.7		38.3		24	*	P
Beryllium	mg/Kg	20	9.52		9.58		1		P
Cadmium	mg/Kg	20	11.2		10.8		3		P
Calcium	mg/Kg	20	1180		927		24	*	P
Chromium	mg/Kg	20	34.6		30.8		12		P
Cobalt	mg/Kg	20	15.1		13.9		8		P
Copper	mg/Kg	20	37.2		32.1		15		P
Iron	mg/Kg	20	11000		8930		21	*	P
Lead	mg/Kg	20	277		204		30	*	P
Magnesium	mg/Kg	20	1250		1020		20		P
Manganese	mg/Kg	20	240		196		20		P
Nickel	mg/Kg	20	37.6		34.5		9		P
Potassium	mg/Kg	20	886		816		8		P
Selenium	mg/Kg	20	93.8		96.4		3		P
Silver	mg/Kg	20	4.17		4.01		4		P
Sodium	mg/Kg	20	409		346		17		P
Thallium	mg/Kg	20	99.9		104		4		P
Vanadium	mg/Kg	20	32.0		27.7		14		P
Zinc	mg/Kg	20	135		98.6		31	*	P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170777BS							
Aluminum	mg/Kg	100	101		101	80 - 120	P
Antimony	mg/Kg	40.0	39.8		100	80 - 120	P
Arsenic	mg/Kg	40.0	39.1		98	80 - 120	P
Barium	mg/Kg	10.0	10.1		101	80 - 120	P
Beryllium	mg/Kg	10.0	10.2		102	80 - 120	P
Cadmium	mg/Kg	10.0	9.61		96	80 - 120	P
Calcium	mg/Kg	50.0	47.6	J	95	80 - 120	P
Chromium	mg/Kg	20.0	19.6		98	80 - 120	P
Cobalt	mg/Kg	10.0	9.61		96	80 - 120	P
Copper	mg/Kg	15.0	15.4		103	80 - 120	P
Iron	mg/Kg	150	147		98	80 - 120	P
Lead	mg/Kg	50.0	47.3		95	80 - 120	P
Magnesium	mg/Kg	100	99.5	J	100	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.5		98	80 - 120	P
Potassium	mg/Kg	500	479		96	80 - 120	P
Selenium	mg/Kg	100	102		102	80 - 120	P
Silver	mg/Kg	3.8	3.56		94	80 - 120	P
Sodium	mg/Kg	150	154		103	80 - 120	P
Thallium	mg/Kg	100	92.3		92	80 - 120	P
Vanadium	mg/Kg	15.0	15.0		100	80 - 120	P
Zinc	mg/Kg	10.0	10.4		104	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170840BS Mercury	mg/Kg	0.25	0.25		101	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B50-SP3-111925L

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **Lb No.:** lb138128 **Lab Sample ID :** Q3741-01L **SDG No.:** Q3741
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.68 OR	0.62	9		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

FENCE WC-1L

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **Lb No.:** lb138085 **Lab Sample ID :** Q3750-01L **SDG No.:** Q3741
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	3380		3780		12		P
Antimony	2.63	U	13.2	U			P
Arsenic	6.04		6.74		12		P
Barium	24.4		26.7		9		P
Beryllium	0.28	J	0.29	J	3		P
Cadmium	0.37		0.30	J	20		P
Calcium	788		861		9		P
Chromium	9.32		10.3		10		P
Cobalt	2.65		2.76	J	4		P
Copper	14.3		16.1		12		P
Iron	8530		9500		11		P
Lead	114		120		5		P
Magnesium	720		805		12		P
Manganese	174		196		12		P
Nickel	6.28		6.42	J	2		P
Potassium	282		310	J	10		P
Selenium	1.05	U	5.26	U			P
Silver	0.58		2.63	U	100.0		P
Sodium	103	J	124	J	20		P
Thallium	2.10	U	10.5	U			P
Vanadium	10.8		12.4		15		P
Zinc	65.2		74.4		14		P



METAL PREPARATION & INSTRUMENT DATA

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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3741

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170777							
PB170777BL	PB170777BL	MB	SOLID	12/02/2025	2.00	100.0	100.00
PB170777BS	PB170777BS	LCS	SOLID	12/02/2025	2.00	100.0	100.00
Q3741-01	B50-SP3-111925	SAM	SOLID	12/02/2025	2.28	100.0	91.60
Q3741-02	B50-SP13-112025	SAM	SOLID	12/02/2025	2.25	100.0	86.40
Q3741-03	B50-SP14-112025	SAM	SOLID	12/02/2025	2.11	100.0	87.30
Q3741-04	B50-SP9-112425	SAM	SOLID	12/02/2025	2.26	100.0	85.20
Q3741-05	B50-SP11-112525	SAM	SOLID	12/02/2025	2.07	100.0	84.60
Q3741-06	B50-SP4-112525	SAM	SOLID	12/02/2025	2.42	100.0	85.90
Q3750-01DUP	FENCE WC-1DUP	DUP	SOLID	12/02/2025	2.18	100.0	86.80
Q3750-01MS	FENCE WC-1MS	MS	SOLID	12/02/2025	2.15	100.0	86.80
Q3750-01MSD	FENCE WC-1MSD	MSD	SOLID	12/02/2025	2.17	100.0	86.80

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3741
Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170840							
PB170840BL	PB170840BL	MB	SOLID	12/05/2025	0.52	35.0	100.00
PB170840BS	PB170840BS	LCS	SOLID	12/05/2025	0.57	35.0	100.00
Q3741-01	B50-SP3-111925	SAM	SOLID	12/05/2025	0.59	35.0	91.60
Q3741-01DUP	B50-SP3-111925DUP	DUP	SOLID	12/05/2025	0.56	35.0	91.60
Q3741-01MS	B50-SP3-111925MS	MS	SOLID	12/05/2025	0.57	35.0	91.60
Q3741-01MSD	B50-SP3-111925MSD	MSD	SOLID	12/05/2025	0.55	35.0	91.60
Q3741-02	B50-SP13-112025	SAM	SOLID	12/05/2025	0.55	35.0	86.40
Q3741-03	B50-SP14-112025	SAM	SOLID	12/05/2025	0.57	35.0	87.30
Q3741-04	B50-SP9-112425	SAM	SOLID	12/05/2025	0.59	35.0	85.20
Q3741-05	B50-SP11-112525	SAM	SOLID	12/05/2025	0.57	35.0	84.60
Q3741-06	B50-SP4-112525	SAM	SOLID	12/05/2025	0.53	35.0	85.90

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic

Contract: CORE02

Lab code: ACE

Sdg no.: Q3741

Instrument id number:
Method:
Run number: LB138085

Start date: 12/02/2025

End date: 12/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1108	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1121	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1125	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1134	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170777BL	PB170777BL	1	1326	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170777BS	PB170777BS	1	1330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-01	B50-SP3-111925	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-02	B50-SP13-112025	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-03	B50-SP14-112025	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-04	B50-SP9-112425	1	1428	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-05	B50-SP11-112525	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3741-06	B50-SP4-112525	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3750-01DUP	FENCE WC-1DUP	1	1455	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3750-01L	FENCE WC-1L	5	1459	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3750-01MS	FENCE WC-1MS	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3750-01MSD	FENCE WC-1MSD	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3750-01A	FENCE WC-1A	1	1511	Ba,Cu,Na,Pb,Sb,V
CCV04	CCV04	1	1515	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1605	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1609	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3741

Instrument id number: **Method:**

Run number: LB138128

Start date: 12/05/2025 **End date:** 12/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1353	HG
S0.2	S0.2	1	1355	HG
S2.5	S2.5	1	1358	HG
S5	S5	1	1400	HG
S7.5	S7.5	1	1402	HG
S10	S10	1	1405	HG
ICV141	ICV141	1	1412	HG
ICB141	ICB141	1	1414	HG
CCV71	CCV71	1	1416	HG
CCB71	CCB71	1	1419	HG
CRA	CRA	1	1421	HG
PB170840BL	PB170840BL	1	1428	HG
PB170840BS	PB170840BS	1	1432	HG
Q3741-01DUP	B50-SP3-111925DUP	1	1437	HG
CCV72	CCV72	1	1454	HG
CCB72	CCB72	1	1456	HG
Q3741-05	B50-SP11-112525	1	1503	HG
Q3741-01L	B50-SP3-111925L	5	1515	HG
CCV73	CCV73	1	1523	HG
CCB73	CCB73	1	1525	HG

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3741

Instrument id number: _____

Method: _____

Run number: LB138165

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1110	HG
S0.2	S0.2	1	1113	HG
S2.5	S2.5	1	1115	HG
S5	S5	1	1117	HG
S7.5	S7.5	1	1119	HG
S10	S10	1	1125	HG
ICV147	ICV147	1	1128	HG
ICB147	ICB147	1	1130	HG
CCV84	CCV84	1	1133	HG
CCB84	CCB84	1	1135	HG
CRA	CRA	1	1140	HG
CCV85	CCV85	1	1203	HG
CCB85	CCB85	1	1205	HG
CCV86	CCV86	1	1240	HG
CCB86	CCB86	1	1243	HG
Q3741-01	B50-SP3-111925	2	1245	HG
Q3741-01MS	B50-SP3-111925MS	2	1252	HG
Q3741-01MSD	B50-SP3-111925MSD	2	1255	HG
Q3741-01A	B50-SP3-111925A	2	1303	HG
Q3741-02	B50-SP13-112025	5	1306	HG
Q3741-03	B50-SP14-112025	5	1308	HG
Q3741-04	B50-SP9-112425	5	1310	HG
Q3741-06	B50-SP4-112525	5	1313	HG
CCV87	CCV87	1	1315	HG
CCB87	CCB87	1	1317	HG



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 3741

COC Number:

CLIENT INFORMATION

COMPANY: CORE ENVIRONMENTAL CONSULTANTS

ADDRESS: 22-48 119TH STREET

CITY: COLLEGE POINT STATE: NY ZIP: 11356

ATTENTION: ROLAND SCARDINO

PHONE: 609-781-8074

FAX:

PROJECT INFORMATION

PROJECT NAME: BNY - Building 50 Probe Investigation

PROJECT #:

LOCATION: Bldg 50. 63 Flushing Ave.
Brooklyn, NY

PROJECT MANAGER: ROLAND SCARDINO

E-MAIL: rscardino@coreenv.com

PHONE: 609-781-8074

FAX:

BILLING INFORMATION

BILL TO: CORE ENVIRONMENTAL CONSULTANTS PO#

ADDRESS: 2312 WEHRLE DR

CITY: BUFFALO

STATE: NY ZIP: 14221

ATTENTION: JOSEPH ZAHEER

PHONE: 716-204-8054

DATA TURNAROUND INFORMATION

FAX: STANDARD DAYS*
HARD COPY: STANDARD DAYS*
EDD STANDARD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

GRO	DRO	VOCs	SVOCs	TAL Metals	PCBs				
1	2	3	4	5	6	7	8	9	

If any metals exceed the 20x
rule, run the TCLP analysis
on 72-hr TAT

PRESERVATIVES

1	2	3	4	5	6	7	8	9	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	

COMMENTS

Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH
SAMPLE
IDPROJECT
SAMPLE IDENTIFICATIONSAMPLE
MATRIXSAMPLE
TYPESAMPLE
COLLECTION

of Bottles

COMP

GRAB

DATE

TIME

1.	B50-SP3-111925	SOIL	✓		11/19/25	13:00	
2.	B50-SP3-112025	SOIL	✓		11/20/25	13:00	
3.	B50-SP4-112025	SOIL	✓		11/20/25	13:15	
4.	B50-SP9-112425	SOIL	✓		11/24/25	13:30	
5.	B50-SP11-112525	SOIL	✓		11/25/25	13:30	
6.	B50-SP4-112525	SOIL	✓		11/25/25	14:00	
7.							
8.							
9.							
10.							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	11/26 12:10p	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	11-26-25	3.

Conditions of bottles or coolers at receipt:

☐ Compliant ☐ Non Compliant☐ Cooler Temp 3.1°C

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler?: _____

Comments:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

From: Roland Scardino <rscardino@coreenv.com>
Sent: Monday, December 01, 2025 10:47 AM
Subject: RE: TB SAMPLES

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning Deepak,

We received 2 TB's in the cooler, so two were sent back to the lab. Please use one of them for the analysis.

Thank you,

Roland Scardino
Project Manager
CORE Environmental Consultants, Inc.
C: 609-781-8074
O: 718-786-4730 ext 114

22-48 119 th Street	2312 Wehrle Drive
College Point, NY 11356	Buffalo, NY 14221
P: 718.786.4730	P: 716.204.8054
F: 718.786.4764	F: 716.204.8557



www.COREenv.com

Innovative Engineering and Environmental Solutions

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3741	CORE02	Order Date : 11/26/2025 4:57:55 PM	Project Mgr :
Client Name : Core Environmental Consul		Project Name : Building 50 Probe Investiga	Report Type : Results+QC
Client Contact : Roland Scardino		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : Excel NY
Invoice Name : Core Environmental Consul		Purchase Order :	Hard Copy Date :
Invoice Contact : Roland Scardino			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3741-01	B50-SP3-111925	Solid	11/19/2025	13:00	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-02	B50-SP13-112025	Solid	11/20/2025	13:00	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-03	B50-SP14-112025	Solid	11/20/2025	13:15	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-04	B50-SP9-112425	Solid	11/24/2025	13:30	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-05	B50-SP11-112525	Solid	11/25/2025	13:30	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-06	B50-SP4-112525	Solid	11/25/2025	14:00	VOC-TCLVOA-10		8260C		10 Bus. Days
Q3741-07	TB-1	Water	11/25/2025	14:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days

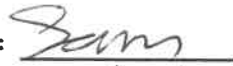
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LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By : 

Date / Time : 12/1/25 11:05

Received By : 

Date / Time : 12/01/25 11:05

Storage Area : VOA Refridgerator Room

